

ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2025 - 2026

Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG
on 26 January 2026

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer -
Maintenance 2025 - 2026.

March 2026

Table of Contents

1	Message Set Overview	6
1.1	List of MessageDefinitions	6
2	caaa.001.001.15 AcceptorAuthorisationRequestV15	9
2.1	MessageDefinition Functionality	9
2.2	Structure	10
2.3	Constraints	16
2.4	Message Building Blocks	17
3	caaa.002.001.15 AcceptorAuthorisationResponseV15	104
3.1	MessageDefinition Functionality	104
3.2	Structure	105
3.3	Constraints	110
3.4	Message Building Blocks	110
4	caaa.003.001.15 AcceptorCompletionAdviceV15	174
4.1	MessageDefinition Functionality	174
4.2	Structure	175
4.3	Constraints	182
4.4	Message Building Blocks	183
5	caaa.004.001.14 AcceptorCompletionAdviceResponseV14	274
5.1	MessageDefinition Functionality	274
5.2	Structure	275
5.3	Constraints	275
5.4	Message Building Blocks	276
6	caaa.005.001.15 AcceptorCancellationRequestV15	290
6.1	MessageDefinition Functionality	290
6.2	Structure	291
6.3	Constraints	294
6.4	Message Building Blocks	294
7	caaa.006.001.14 AcceptorCancellationResponseV14	336
7.1	MessageDefinition Functionality	336
7.2	Structure	337
7.3	Constraints	338
7.4	Message Building Blocks	338
8	caaa.007.001.15 AcceptorCancellationAdviceV15	361
8.1	MessageDefinition Functionality	361
8.2	Structure	362
8.3	Constraints	365
8.4	Message Building Blocks	366

9	caaa.008.001.14 AcceptorCancellationAdviceResponseV14	417
9.1	MessageDefinition Functionality	417
9.2	Structure	418
9.3	Constraints	418
9.4	Message Building Blocks	419
10	caaa.009.001.14 AcceptorReconciliationRequestV14	433
10.1	MessageDefinition Functionality	433
10.2	Structure	434
10.3	Constraints	435
10.4	Message Building Blocks	435
11	caaa.010.001.13 AcceptorReconciliationResponseV13	450
11.1	MessageDefinition Functionality	450
11.2	Structure	451
11.3	Constraints	452
11.4	Message Building Blocks	452
12	caaa.011.001.15 AcceptorBatchTransferV15	469
12.1	MessageDefinition Functionality	469
12.2	Structure	470
12.3	Constraints	473
12.4	Message Building Blocks	474
13	caaa.012.001.14 AcceptorBatchTransferResponseV14	563
13.1	MessageDefinition Functionality	563
13.2	Structure	564
13.3	Constraints	566
13.4	Message Building Blocks	567
14	caaa.013.001.14 AcceptorDiagnosticRequestV14	619
14.1	MessageDefinition Functionality	619
14.2	Structure	619
14.3	Constraints	620
14.4	Message Building Blocks	620
15	caaa.014.001.13 AcceptorDiagnosticResponseV13	632
15.1	MessageDefinition Functionality	632
15.2	Structure	633
15.3	Constraints	633
15.4	Message Building Blocks	634
16	caaa.015.001.06 AcceptorRejectionV06	647
16.1	MessageDefinition Functionality	647
16.2	Structure	647
16.3	Message Building Blocks	647

17	caaa.016.001.13 AcceptorCurrencyConversionRequestV13	652
17.1	MessageDefinition Functionality	652
17.2	Structure	653
17.3	Constraints	658
17.4	Message Building Blocks	658
18	caaa.017.001.13 AcceptorCurrencyConversionResponseV13	724
18.1	MessageDefinition Functionality	724
18.2	Structure	725
18.3	Constraints	729
18.4	Message Building Blocks	729
19	caaa.018.001.10 AcceptorCurrencyConversionAdviceV10	780
19.1	MessageDefinition Functionality	780
19.2	Structure	781
19.3	Constraints	785
19.4	Message Building Blocks	785
20	caaa.019.001.09 AcceptorCurrencyConversionAdviceResponseV09	836
20.1	MessageDefinition Functionality	836
20.2	Structure	837
20.3	Constraints	837
20.4	Message Building Blocks	838
21	caaa.020.001.07 TransactionAdviceV07	852
21.1	MessageDefinition Functionality	852
21.2	Structure	853
21.3	Constraints	860
21.4	Message Building Blocks	861
22	caaa.021.001.07 TransactionAdviceResponseV07	952
22.1	MessageDefinition Functionality	952
22.2	Structure	953
22.3	Constraints	953
22.4	Message Building Blocks	954
23	caaa.022.001.06 AcceptorNonFinancialRequestV06	968
23.1	MessageDefinition Functionality	968
23.2	Structure	969
23.3	Constraints	975
23.4	Message Building Blocks	976
24	caaa.023.001.06 AcceptorNonFinancialResponseV06	1069
24.1	MessageDefinition Functionality	1069
24.2	Structure	1070
24.3	Constraints	1071
24.4	Message Building Blocks	1071

25	caaa.024.001.06 AcceptorTransactionLogReportRequestV06	1091
25.1	MessageDefinition Functionality	1091
25.2	Structure	1092
25.3	Constraints	1095
25.4	Message Building Blocks	1096
26	caaa.025.001.06 AcceptorTransactionLogReportResponseV06	1139
26.1	MessageDefinition Functionality	1139
26.2	Structure	1140
26.3	Constraints	1155
26.4	Message Building Blocks	1156
27	caaa.026.001.03 AcceptorToAcquirerBatchFileExchangeV03	1403
27.1	MessageDefinition Functionality	1403
27.2	Structure	1404
27.3	Constraints	1417
27.4	Message Building Blocks	1418
28	caaa.027.001.03 AcquirerToAcceptorBatchFileExchangeV03	1652
28.1	MessageDefinition Functionality	1652
28.2	Structure	1653
28.3	Constraints	1656
28.4	Message Building Blocks	1657
29	Message Items Types	1732
29.1	MessageComponents	1732
29.2	Message Datatypes	2384

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 2025-2026 (See MCR #276) and approved by the Cards and Related Retail Financial Services Standards Evaluation Group on 26 January 2026.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.15 AcceptorAuthorisationRequestV15	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.002.001.15 AcceptorAuthorisationResponseV15	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.003.001.15 AcceptorCompletionAdviceV15	<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.004.001.14 AcceptorCompletionAdviceResponseV14	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.005.001.15 AcceptorCancellationRequestV15	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.006.001.14 AcceptorCancellationResponseV14	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.007.001.15 AcceptorCancellationAdviceV15	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.008.001.14 AcceptorCancellationAdviceResponseV14	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.009.001.14 AcceptorReconciliationRequestV14	<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.010.001.13 AcceptorReconciliationResponseV13	<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.011.001.15 AcceptorBatchTransferV15	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.012.001.14 AcceptorBatchTransferResponseV14	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.013.001.14 AcceptorDiagnosticRequestV14	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.014.001.13 AcceptorDiagnosticResponseV13	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.016.001.13 AcceptorCurrencyConversionRequestV13	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.017.001.13 AcceptorCurrencyConversionResponseV13	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.018.001.10 AcceptorCurrencyConversionAdviceV10	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.019.001.09 AcceptorCurrencyConversionAdviceResponseV09	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.020.001.07 TransactionAdviceV07	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.021.001.07 TransactionAdviceResponseV07	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.
caaa.022.001.06 AcceptorNonFinancialRequestV06	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
caaa.023.001.06 AcceptorNonFinancialResponseV06	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.
caaa.024.001.06 AcceptorTransactionLogReportRequestV06	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
caaa.025.001.06 AcceptorTransactionLogReportResponseV06	This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.
caaa.026.001.03 AcceptorToAcquirerBatchFileExchangeV03	The AcceptorToAcquirerBatchFileExchangemessage is sent by an acceptor (or its agent) to the acquirer (or its agent), to send a batch of request.
caaa.027.001.03 AcquirerToAcceptorBatchFileExchangeV03	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.001.001.15 AcceptorAuthorisationRequestV15

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 AcceptorAuthorisationRequestV15 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		20
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		20
	CreationDateTime <CreDtTm>	[1..1]	DateTime		20
	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 <CstmrOrdRReqFlg>	[0..1]	Indicator		43
	PurchaseOrderNumber <PurchsOrdRNb>	[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 <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

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		62
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		63
	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		65
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		65
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		66
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		67
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		67
	TransactionDetails <TxDtls>	[1..1]			67
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	TotalAmount <TtlAmt>	[1..1]	Amount		70

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		70
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		70
	DetailedAmount <DtlAmt>	[0..1]	±		70
	RequestedAmount <ReqdAmt>	[0..1]	Amount		71
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		71
	InvoiceAmount <InvcAmt>	[0..1]	Amount		71
	ValidityDate <VldtyDt>	[0..1]	Date		71
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		71
	UnattendedLevelCategory <UatnnddLvlCtgy>	[0..1]	Text		72
	AccountType <AcctTp>	[0..1]	CodeSet		72
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			73
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		75
	Conversion <Convs>	[0..1]			75
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <ApblBinRg>	[0..*]			79

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81
	Rate <Rate>	[1..1]	Rate		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	DeclarationDetails <DclrtnDtls>	[0..*]	±		81
	Instalment <Instlmt>	[0..*]	±		82
	Recurring <Rcrng>	[0..1]	±		83
	AggregationTransaction <AggtnTx>	[0..1]	±		84
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		84
	SaleItem <Saleitm>	[0..*]	±		84
	DeliveryLocation <DlvryLctn>	[0..1]	Text		85
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		85
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		85
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		85
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		86
	AdditionalInformation <AddtlInf>	[0..*]			86
	Identification <Id>	[1..1]	Text		86
	Value <Val>	[0..1]	Binary		86
	ProtectedValue <PrctcdVal>	[0..1]	±		86
	Type <Tp>	[0..1]	Text		87
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		87
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		87
	AccountFrom <AcctFr>	[0..1]			87

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		88
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		89
	AccountName <AcctNm>	[0..1]	Text		89
	AccountOwner <AcctOwnr>	[0..1]			90
	Name <Nm>	[1..1]	Text		90
	Address <Adr>	[1..1]	±		90
	Currency <Ccy>	[0..1]	CodeSet	C1	90
	AccountIdentifier <Acctldr>	[0..1]			91
{Or	Card <Card>	[1..1]	Text		91
Or	MSISDN <MSISDN>	[1..1]	Text		91
Or	EMail <EMail>	[1..1]	Text		91
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	91
Or	BBAN <BBAN>	[1..1]	IdentifierSet		92
Or	UPIC <UPIC>	[1..1]	IdentifierSet		92
Or	Domestic <Dmst>	[1..1]	Text		92
Or}	Other <Othr>	[1..1]	Text		92
	Servicer <Svcr>	[0..1]			92
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	93
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		93
	AccountTo <AcctTo>	[0..1]			93
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		94
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		95
	AccountName <AcctNm>	[0..1]	Text		95
	AccountOwner <AcctOwnr>	[0..1]			96
	Name <Nm>	[1..1]	Text		96
	Address <Adr>	[1..1]	±		96
	Currency <Ccy>	[0..1]	CodeSet	C1	96
	AccountIdentifier <Acctldr>	[0..1]			97
{Or	Card <Card>	[1..1]	Text		97
Or	MSISDN <MSISDN>	[1..1]	Text		97
Or	EMail <EMail>	[1..1]	Text		97

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	97
Or	BBAN <BBAN>	[1..1]	IdentifierSet		98
Or	UPIC <UPIC>	[1..1]	IdentifierSet		98
Or	Domestic <Dmst>	[1..1]	Text		98
Or}	Other <Othr>	[1..1]	Text		98
	Servicer <Svcr>	[0..1]			98
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	99
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		99
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		99
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			99
	ActionType <ActnTp>	[1..1]	CodeSet		100
	MessageToPresent <MsgToPres>	[0..1]	±		101
	RemoteAccess <RmotAccs>	[0..1]	±		102
	Retry <Rtry>	[0..1]	±		102
	TimeCondition <TmCond>	[0..1]	±		102
	SupplementaryData <SplmtryData>	[0..*]	±	C12	103
	SecurityTrailer <SctyTrlr>	[0..1]	±		103

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		20
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		20
	CreationDateTime <CreDtTm>	[1..1]	DateTime		20
	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 2423

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.

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

2.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

2.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

2.4.2 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Information related to the authorisation request.

AuthorisationRequest <AuthstnReq> contains the following **AcceptorAuthorisationRequest15** 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 <CrdhldrPres>	[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		62
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		63
	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		65
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		65
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		66
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		67
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		67
	TransactionDetails <TxDtls>	[1..1]			67
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	TotalAmount <TtlAmt>	[1..1]	Amount		70
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		70
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		70
	DetailedAmount <DtldAmt>	[0..1]	±		70
	RequestedAmount <ReqdAmt>	[0..1]	Amount		71
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		71
	InvoiceAmount <InvAmt>	[0..1]	Amount		71
	ValidityDate <VldtyDt>	[0..1]	Date		71
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		71
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		72
	AccountType <AcctTp>	[0..1]	CodeSet		72
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			73

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		75
	Conversion <Convs>	[0..1]			75
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <AplblBinRg>	[0..*]			79
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81
	Rate <Rate>	[1..1]	Rate		81

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	DeclarationDetails <DclrtnDtls>	[0..*]	±		81
	Instalment <Instlmt>	[0..*]	±		82
	Recurring <Rcrng>	[0..1]	±		83
	AggregationTransaction <AggtnTx>	[0..1]	±		84
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		84
	SaleItem <Saleitm>	[0..*]	±		84
	DeliveryLocation <DlvryLctn>	[0..1]	Text		85
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		85
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		85
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		85
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		86
	AdditionalInformation <AddtlInf>	[0..*]			86
	Identification <Id>	[1..1]	Text		86
	Value <Val>	[0..1]	Binary		86
	ProtectedValue <PrctcdVal>	[0..1]	±		86
	Type <Tp>	[0..1]	Text		87
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		87
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		87
	AccountFrom <AcctFr>	[0..1]			87
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		88
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		89
	AccountName <AcctNm>	[0..1]	Text		89
	AccountOwner <AcctOwnr>	[0..1]			90
	Name <Nm>	[1..1]	Text		90
	Address <Adr>	[1..1]	±		90
	Currency <Ccy>	[0..1]	CodeSet	C1	90
	AccountIdentifier <AcctIdr>	[0..1]			91
{Or	Card <Card>	[1..1]	Text		91
Or	MSISDN <MSISDN>	[1..1]	Text		91
Or	Email <EMail>	[1..1]	Text		91

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	91
Or	BBAN <BBAN>	[1..1]	IdentifierSet		92
Or	UPIC <UPIC>	[1..1]	IdentifierSet		92
Or	Domestic <Dmst>	[1..1]	Text		92
Or}	Other <Othr>	[1..1]	Text		92
	Servicer <Svcr>	[0..1]			92
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	93
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		93
	AccountTo <AcctTo>	[0..1]			93
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		94
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		95
	AccountName <AcctNm>	[0..1]	Text		95
	AccountOwner <AcctOwnr>	[0..1]			96
	Name <Nm>	[1..1]	Text		96
	Address <Adr>	[1..1]	±		96
	Currency <Ccy>	[0..1]	CodeSet	C1	96
	AccountIdentifier <AcctIdr>	[0..1]			97
{Or	Card <Card>	[1..1]	Text		97
Or	MSISDN <MSISDN>	[1..1]	Text		97
Or	EMail <EMail>	[1..1]	Text		97
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	97
Or	BBAN <BBAN>	[1..1]	IdentifierSet		98
Or	UPIC <UPIC>	[1..1]	IdentifierSet		98
Or	Domestic <Dmst>	[1..1]	Text		98
Or}	Other <Othr>	[1..1]	Text		98
	Servicer <Svcr>	[0..1]			98
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	99
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		99
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		99
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			99
	ActionType <ActnTp>	[1..1]	CodeSet		100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageToPresent <MsgToPres>	[0..1]	±		101
	RemoteAccess <RmotAccs>	[0..1]	±		102
	Retry <Rtry>	[0..1]	±		102
	TimeCondition <TmCond>	[0..1]	±		102
	SupplementaryData <SplmtryData>	[0..*]	±	C12	103

2.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 <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 <FllbckInd>	[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 <TxEnv>	[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

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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 <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 <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 <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

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 2454

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 2454

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 2454

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 2454

2.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

2.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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 2456

2.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

2.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2454

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 2447

2.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

2.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction146** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		62
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		63
	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		65
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		65
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		66
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		67
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		67
	TransactionDetails <TxDtls>	[1..1]			67
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	TotalAmount <TtlAmt>	[1..1]	Amount		70
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		70
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		70
	DetailedAmount <DtldAmt>	[0..1]	±		70
	RequestedAmount <ReqdAmt>	[0..1]	Amount		71
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		71
	InvoiceAmount <InvAmt>	[0..1]	Amount		71
	ValidityDate <VldtyDt>	[0..1]	Date		71
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		71
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		72
	AccountType <AcctTp>	[0..1]	CodeSet		72
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			73
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		75

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			75
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <AplblBinRg>	[0..*]			79
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81
	Rate <Rate>	[1..1]	Rate		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		81
	Instalment <Instlmt>	[0..*]	±		82
	Recurring <Rcrng>	[0..1]	±		83
	AggregationTransaction <AggtnTx>	[0..1]	±		84
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		84
	SaleItem <Saleitm>	[0..*]	±		84
	DeliveryLocation <DlvryLctn>	[0..1]	Text		85
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		85
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		85
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		85
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		86
	AdditionalInformation <AddtlInf>	[0..*]			86
	Identification <Id>	[1..1]	Text		86
	Value <Val>	[0..1]	Binary		86
	ProtectedValue <PrctcdVal>	[0..1]	±		86
	Type <Tp>	[0..1]	Text		87
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		87
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		87
	AccountFrom <AcctFr>	[0..1]			87
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		88
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		89
	AccountName <AcctNm>	[0..1]	Text		89
	AccountOwner <AcctOwnr>	[0..1]			90
	Name <Nm>	[1..1]	Text		90
	Address <Adr>	[1..1]	±		90
	Currency <Ccy>	[0..1]	CodeSet	C1	90
	AccountIdentifier <Acctldr>	[0..1]			91
{Or	Card <Card>	[1..1]	Text		91
Or	MSISDN <MSISDN>	[1..1]	Text		91
Or	EMail <EMail>	[1..1]	Text		91
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	91

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		92
Or	UPIC <UPIC>	[1..1]	IdentifierSet		92
Or	Domestic <Dmst>	[1..1]	Text		92
Or}	Other <Othr>	[1..1]	Text		92
	Servicer <Svcr>	[0..1]			92
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	93
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		93
	AccountTo <AcctTo>	[0..1]			93
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		94
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		95
	AccountName <AcctNm>	[0..1]	Text		95
	AccountOwner <AcctOwnr>	[0..1]			96
	Name <Nm>	[1..1]	Text		96
	Address <Adr>	[1..1]	±		96
	Currency <Ccy>	[0..1]	CodeSet	C1	96
	AccountIdentifier <AcctIdr>	[0..1]			97
{Or	Card <Card>	[1..1]	Text		97
Or	MSISDN <MSISDN>	[1..1]	Text		97
Or	EMail <EMail>	[1..1]	Text		97
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	97
Or	BBAN <BBAN>	[1..1]	IdentifierSet		98
Or	UPIC <UPIC>	[1..1]	IdentifierSet		98
Or	Domestic <Dmst>	[1..1]	Text		98
Or}	Other <Othr>	[1..1]	Text		98
	Servicer <Svcr>	[0..1]			98
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	99
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		99
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		99
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			99
	ActionType <ActnTp>	[1..1]	CodeSet		100
	MessageToPresent <MsgToPres>	[0..1]	±		101

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemoteAccess <RmotAccs>	[0..1]	±		102
	Retry <Rtry>	[0..1]	±		102
	TimeCondition <TmCond>	[0..1]	±		102

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 2449):

- *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 2406

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).

CodeName	Name	Definition
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 2409

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 2407

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.

CodeName	Name	Definition
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 2449](#)):

- *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 2457](#)

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 2449](#)):

- *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 2454

2.4.2.3.9 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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

2.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "CardPaymentTransaction149" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2454

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 2454

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 2452

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 2452

2.4.2.3.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	TotalAmount <TtlAmt>	[1..1]	Amount		70
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		70
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		70
	DetailedAmount <DtldAmt>	[0..1]	±		70
	RequestedAmount <ReqdAmt>	[0..1]	Amount		71
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		71
	InvoiceAmount <InvcAmt>	[0..1]	Amount		71
	ValidityDate <VldtyDt>	[0..1]	Date		71
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		71
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		72
	AccountType <AcctTp>	[0..1]	CodeSet		72
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			73
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		75
	Conversion <Convs>	[0..1]			75
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltgAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <AplblBinRg>	[0..*]			79
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81
	Rate <Rate>	[1..1]	Rate		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	DeclarationDetails <DclrtDtls>	[0..*]	±		81
	Instalment <Instlmt>	[0..*]	±		82
	Recurring <Rcrng>	[0..1]	±		83
	AggregationTransaction <AggtTx>	[0..1]	±		84
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		84
	SaleItem <SaleItm>	[0..*]	±		84
	DeliveryLocation <DivryLctn>	[0..1]	Text		85
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		85
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		85
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		85
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		86
	AdditionalInformation <AddtlInf>	[0..*]			86
	Identification <Id>	[1..1]	Text		86
	Value <Val>	[0..1]	Binary		86
	ProtectedValue <PrctcdVal>	[0..1]	±		86
	Type <Tp>	[0..1]	Text		87
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		87

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

2.4.2.3.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		75
	Conversion <Convs>	[0..1]			75
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltgAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <AplblBinRg>	[0..*]			79
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	DeclarationDetails <DclrtnDtls>	[0..*]	±		81

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		77
	TargetCurrency <TrgtCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77
	ResultingAmount <RsltAmt>	[0..1]	Amount		78
	ExchangeRate <XchgRate>	[1..1]	Rate		78
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		78
	QuotationDate <QtnDt>	[0..1]	DateTime		78
	ValidFrom <VldFr>	[0..1]	DateTime		78
	ValidUntil <VldUntil>	[0..1]	DateTime		78
	SourceCurrency <SrcCcy>	[1..1]			78
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79
	ApplicableBinRange <AplblBinRg>	[0..*]			79
	LowerBin <LwrBin>	[1..1]	Text		80
	HigherBin <HghrBin>	[1..1]	Text		80
	OriginalAmount <OrgnlAmt>	[0..1]			80
	ActualAmount <ActlAmt>	[0..1]	Amount		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80
	CommissionDetails <ComssnDtls>	[0..*]			81
	Amount <Amt>	[1..1]	Amount		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	MarkUpDetails <MrkUpDtls>	[0..*]			81
	Rate <Rate>	[1..1]	Rate		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81
	DeclarationDetails <DclrtDtls>	[0..*]	±		81

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 2454

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	77
	NumericCode <NmrcCd>	[1..1]	Text		77
	Decimal <Dcml>	[1..1]	Quantity		77
	Name <Nm>	[0..1]	Text		77

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

2.4.2.3.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

2.4.2.3.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	79
	NumericCode <NmrcCd>	[0..1]	Text		79
	Decimal <Dcml>	[0..1]	Quantity		79
	Name <Nm>	[0..1]	Text		79

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

2.4.2.3.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		80
	HigherBin <HghrBin>	[1..1]	Text		80

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 2452

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 2452

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		80
	MinimumAmount <MinAmt>	[0..1]	Amount		80
	MaximumAmount <MaxAmt>	[0..1]	Amount		80

2.4.2.3.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81

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 2384

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 2454

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		81
	AdditionalInformation <AddtlInf>	[0..1]	Text		81

2.4.2.3.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

2.4.2.3.17.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

2.4.2.3.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		86
	Value <Val>	[0..1]	Binary		86
	ProtectedValue <PrtctdVal>	[0..1]	±		86
	Type <Tp>	[0..1]	Text		87

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

2.4.2.3.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

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 2456

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		88
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		89
	AccountName <AcctNm>	[0..1]	Text		89
	AccountOwner <AcctOwnr>	[0..1]			90
	Name <Nm>	[1..1]	Text		90
	Address <Adr>	[1..1]	±		90
	Currency <Ccy>	[0..1]	CodeSet	C1	90
	AccountIdentifier <Acctldr>	[0..1]			91
{Or	Card <Card>	[1..1]	Text		91
Or	MSISDN <MSISDN>	[1..1]	Text		91
Or	EMail <EMail>	[1..1]	Text		91
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	91
Or	BBAN <BBAN>	[1..1]	IdentifierSet		92
Or	UPIC <UPIC>	[1..1]	IdentifierSet		92
Or	Domestic <Dmst>	[1..1]	Text		92
Or}	Other <Othr>	[1..1]	Text		92
	Servicer <Svcr>	[0..1]			92
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	93
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		93

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 2387

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 2403

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 2456

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		90
	Address <Adr>	[1..1]	±		90

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		91
Or	MSISDN <MSISDN>	[1..1]	Text		91
Or	EMail <EMail>	[1..1]	Text		91
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	91
Or	BBAN <BBAN>	[1..1]	IdentifierSet		92
Or	UPIC <UPIC>	[1..1]	IdentifierSet		92
Or	Domestic <Dmst>	[1..1]	Text		92
Or}	Other <Othr>	[1..1]	Text		92

2.4.2.3.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

2.4.2.3.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	93
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		93

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		94
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		95
	AccountName <AcctNm>	[0..1]	Text		95
	AccountOwner <AcctOwnr>	[0..1]			96
	Name <Nm>	[1..1]	Text		96
	Address <Adr>	[1..1]	±		96
	Currency <Ccy>	[0..1]	CodeSet	C1	96
	AccountIdentifier <AcctIdr>	[0..1]			97
{Or	Card <Card>	[1..1]	Text		97
Or	MSISDN <MSISDN>	[1..1]	Text		97
Or	EMail <EMail>	[1..1]	Text		97
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	97
Or	BBAN <BBAN>	[1..1]	IdentifierSet		98
Or	UPIC <UPIC>	[1..1]	IdentifierSet		98
Or	Domestic <Dmst>	[1..1]	Text		98
Or}	Other <Othr>	[1..1]	Text		98
	Servicer <Svcr>	[0..1]			98
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	99
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		99

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 2387

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 2403

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 2456

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		96
	Address <Adr>	[1..1]	±		96

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		97
Or	MSISDN <MSISDN>	[1..1]	Text		97
Or	EMail <EMail>	[1..1]	Text		97
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	97
Or	BBAN <BBAN>	[1..1]	IdentifierSet		98
Or	UPIC <UPIC>	[1..1]	IdentifierSet		98
Or	Domestic <Dmst>	[1..1]	Text		98
Or}	Other <Othr>	[1..1]	Text		98

2.4.2.3.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	99
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		99

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

2.4.2.3.22 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		100
	MessageToPresent <MsgToPres>	[0..1]	±		101
	RemoteAccess <RmotAccs>	[0..1]	±		102
	Retry <Rtry>	[0..1]	±		102
	TimeCondition <TmCond>	[0..1]	±		102

2.4.2.3.22.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

2.4.2.3.22.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see ["ActionMessage12"](#) on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

2.4.2.3.22.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

2.4.2.3.22.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

2.4.2.3.22.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

3 caaa.002.001.15

AcceptorAuthorisationResponseV15

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 AcceptorAuthorisationResponseV15 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]			110
	MessageFunction <MsgFctn>	[1..1]	CodeSet		111
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		112
	ExchangeIdentification <XchgId>	[1..1]	Quantity		113
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		113
	CreationDateTime <CreDtTm>	[1..1]	DateTime		113
	InitiatingParty <InitgPty>	[1..1]	±		113
	RecipientParty <RcptPty>	[0..1]	±		113
	Traceability <Tracblt>	[0..*]	±		114
	AuthorisationResponse <AuthstnRspn>	[1..1]			114
	Environment <Envt>	[1..1]	±	C4	119
	Transaction <Tx>	[1..1]			125
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		128
	TransactionIdentification <TxId>	[1..1]	±		128
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		128
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		129
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		129
	InterchangeData <IntrchgData>	[0..1]	Text		129
	TransactionDetails <TxDtls>	[1..1]			129
	Currency <Ccy>	[0..1]	CodeSet	C1	132
	TotalAmount <TtlAmt>	[1..1]	Amount		132
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		132
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		132
	DetailedAmount <DtldAmt>	[0..1]	±		132
	RequestedAmount <ReqdAmt>	[0..1]	Amount		133
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		133
	InvoiceAmount <InvcAmt>	[0..1]	Amount		133
	ValidityDate <VldtyDt>	[0..1]	Date		133
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		133

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		134
	AccountType <AcctTp>	[0..1]	CodeSet		134
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			135
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		137
	Conversion <Convs>	[0..1]			137
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ResultingAmount <RsltAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		140
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <AplblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <DclrtnDtls>	[0..*]	±		143
	Instalment <Instlmt>	[0..*]	±		144
	Recurring <Rcrng>	[0..1]	±		145
	AggregationTransaction <AggtnTx>	[0..1]	±		146
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		146
	SaleItem <Saleitm>	[0..*]	±		146
	DeliveryLocation <DivryLctn>	[0..1]	Text		147
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		147
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		147
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		147
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		148
	AdditionalInformation <AddtlInf>	[0..*]			148
	Identification <Id>	[1..1]	Text		148
	Value <Val>	[0..1]	Binary		148
	ProtectedValue <PrctcdVal>	[0..1]	±		148
	Type <Tp>	[0..1]	Text		149
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		149
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		149
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			149
	ActionType <ActnTp>	[1..1]	CodeSet		149
	MessageToPresent <MsgToPres>	[0..1]	±		151
	RemoteAccess <RmotAccs>	[0..1]	±		151
	Retry <Rtry>	[0..1]	±		152
	TimeCondition <TmCond>	[0..1]	±		152
	TransactionResponse <TxRspn>	[1..1]			152
	AuthorisationResult <AuthstnRslt>	[1..1]			155
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		155

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			156
	Response <Rspn>	[1..1]	CodeSet		156
	ResponseReason <RspnRsn>	[0..1]	Text		156
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		156
	AuthorisationCode <AuthstnCd>	[0..1]	Text		156
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		156
	TMSTrigger <TMSTrggr>	[0..1]			157
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		157
	TMSIdentification <TMSId>	[0..1]	Text		157
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		157
	AllowedProductCode <AllwdPdctCd>	[0..*]			157
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		159
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		159
	AmountLimit <AmtLmt>	[0..1]	Amount		159
	QuantityLimit <QtyLmt>	[0..1]	Quantity		159
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		159
	Balance <Bal>	[0..1]	±		161
	ProtectedBalance <PrctcdBal>	[0..1]	±		161
	Action <Actn>	[0..*]			162
	ActionType <ActnTp>	[1..1]	CodeSet		162
	MessageToPresent <MsgToPres>	[0..1]	±		163
	RemoteAccess <RmotAccs>	[0..1]	±		164
	Retry <Rtry>	[0..1]	±		164
	TimeCondition <TmCond>	[0..1]	±		165
	CurrencyConversionEligibility <CcyConvsElgbly>	[0..1]			165

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		167
	TargetCurrency <TrgtCcy>	[1..1]			167
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	167
	NumericCode <NmrcCd>	[1..1]	Text		167
	Decimal <Dcml>	[1..1]	Quantity		167
	Name <Nm>	[0..1]	Text		168
	ResultingAmount <RsltAmt>	[0..1]	Amount		168
	ExchangeRate <XchgRate>	[1..1]	Rate		168
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		168
	QuotationDate <QtnDt>	[0..1]	DateTime		168
	ValidFrom <VldFr>	[0..1]	DateTime		168
	ValidUntil <VldUntil>	[0..1]	DateTime		168
	SourceCurrency <SrcCcy>	[1..1]			168
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	169
	NumericCode <NmrcCd>	[0..1]	Text		169
	Decimal <Dcml>	[0..1]	Quantity		169
	Name <Nm>	[0..1]	Text		169
	ApplicableBinRange <AplblBinRg>	[0..*]			169
	LowerBin <LwrBin>	[1..1]	Text		170
	HigherBin <HghrBin>	[1..1]	Text		170
	OriginalAmount <OrgnlAmt>	[0..1]			170
	ActualAmount <ActlAmt>	[0..1]	Amount		170
	MinimumAmount <MinAmt>	[0..1]	Amount		170
	MaximumAmount <MaxAmt>	[0..1]	Amount		170
	CommissionDetails <ComssnDtls>	[0..*]			171
	Amount <Amt>	[1..1]	Amount		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	MarkUpDetails <MrkUpDtls>	[0..*]			171
	Rate <Rate>	[1..1]	Rate		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	DeclarationDetails <Dclrtndtls>	[0..*]	±		171

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C5	172
	SecurityTrailer <SctyTrlr>	[0..1]	±		172

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		111
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		112
	ExchangeIdentification <XchgId>	[1..1]	Quantity		113
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		113
	CreationDateTime <CreDtTm>	[1..1]	DateTime		113
	InitiatingParty <InitgPty>	[1..1]	±		113
	RecipientParty <RcptPty>	[0..1]	±		113
	Traceability <Tracblt>	[0..*]	±		114

3.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

3.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

3.4.2 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Information related to the response of the authorisation.

AuthorisationResponse <AuthstnRspn> contains the following **AcceptorAuthorisationResponse15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	119
	Transaction <Tx>	[1..1]			125
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		128
	TransactionIdentification <TxId>	[1..1]	±		128
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		128
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		129
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		129
	InterchangeData <IntrchnngData>	[0..1]	Text		129
	TransactionDetails <TxDtls>	[1..1]			129
	Currency <Ccy>	[0..1]	CodeSet	C1	132
	TotalAmount <TtlAmt>	[1..1]	Amount		132
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		132
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		132
	DetailedAmount <DtldAmt>	[0..1]	±		132
	RequestedAmount <ReqdAmt>	[0..1]	Amount		133
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		133
	InvoiceAmount <InvcAmt>	[0..1]	Amount		133
	ValidityDate <VldtyDt>	[0..1]	Date		133
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		133
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		134
	AccountType <AcctTp>	[0..1]	CodeSet		134
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			135
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		137
	Conversion <Convs>	[0..1]			137
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		140
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <AplblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <Dclrtndtls>	[0..*]	±		143
	Instalment <Instlmt>	[0..*]	±		144
	Recurring <Rcrng>	[0..1]	±		145
	AggregationTransaction <AggtnTx>	[0..1]	±		146
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		146
	SaleItem <Saleitm>	[0..*]	±		146
	DeliveryLocation <DlvryLctn>	[0..1]	Text		147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		147
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		147
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		147
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		148
	AdditionalInformation <AddtlInf>	[0..*]			148
	Identification <Id>	[1..1]	Text		148
	Value <Val>	[0..1]	Binary		148
	ProtectedValue <PrctcdVal>	[0..1]	±		148
	Type <Tp>	[0..1]	Text		149
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		149
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		149
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			149
	ActionType <ActnTp>	[1..1]	CodeSet		149
	MessageToPresent <MsgToPres>	[0..1]	±		151
	RemoteAccess <RmotAccs>	[0..1]	±		151
	Retry <Rtry>	[0..1]	±		152
	TimeCondition <TmCond>	[0..1]	±		152
	TransactionResponse <TxRspn>	[1..1]			152
	AuthorisationResult <AuthstnRslt>	[1..1]			155
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		155
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			156
	Response <Rspn>	[1..1]	CodeSet		156
	ResponseReason <RspnRsn>	[0..1]	Text		156
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		156
	AuthorisationCode <AuthstnCd>	[0..1]	Text		156
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		156
	TMSTrigger <TMSTrgr>	[0..1]			157
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		157
	TMSIdentification <TMSId>	[0..1]	Text		157
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		157
	AllowedProductCode <AllwdPdctCd>	[0..*]			157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		159
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		159
	AmountLimit <AmtLmt>	[0..1]	Amount		159
	QuantityLimit <QtyLmt>	[0..1]	Quantity		159
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		159
	Balance <Bal>	[0..1]	±		161
	ProtectedBalance <PrctcdBal>	[0..1]	±		161
	Action <Actn>	[0..*]			162
	ActionType <ActnTp>	[1..1]	CodeSet		162
	MessageToPresent <MsgToPres>	[0..1]	±		163
	RemoteAccess <RmotAccs>	[0..1]	±		164
	Retry <Rtry>	[0..1]	±		164
	TimeCondition <TmCond>	[0..1]	±		165
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			165
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		167
	TargetCurrency <TrgtCcy>	[1..1]			167
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	167
	NumericCode <NmrcCd>	[1..1]	Text		167
	Decimal <Dcml>	[1..1]	Quantity		167
	Name <Nm>	[0..1]	Text		168
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		168
	ExchangeRate <XchgRate>	[1..1]	Rate		168
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		168
	QuotationDate <QtnDt>	[0..1]	DateTime		168
	ValidFrom <VldFr>	[0..1]	DateTime		168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		168
	SourceCurrency <SrcCcy>	[1..1]			168
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	169
	NumericCode <NmrcCd>	[0..1]	Text		169
	Decimal <Dcml>	[0..1]	Quantity		169
	Name <Nm>	[0..1]	Text		169
	ApplicableBinRange <AplblBinRg>	[0..*]			169
	LowerBin <LwrBin>	[1..1]	Text		170
	HigherBin <HghrBin>	[1..1]	Text		170
	OriginalAmount <OrgnlAmt>	[0..1]			170
	ActualAmount <ActlAmt>	[0..1]	Amount		170
	MinimumAmount <MinAmt>	[0..1]	Amount		170
	MaximumAmount <MaxAmt>	[0..1]	Amount		170
	CommissionDetails <ComssnDtls>	[0..*]			171
	Amount <Amt>	[1..1]	Amount		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	MarkUpDetails <MrkUpDtls>	[0..*]			171
	Rate <Rate>	[1..1]	Rate		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	DeclarationDetails <DclrtnDtls>	[0..*]	±		171
	SupplementaryData <SplmtryData>	[0..*]	±	C5	172

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 "CardPaymentEnvironment82" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **CardPaymentTransaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		128
	TransactionIdentification <TxId>	[1..1]	±		128
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		128
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		129
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		129
	InterchangeData <IntrchgData>	[0..1]	Text		129
	TransactionDetails <TxDtls>	[1..1]			129
	Currency <Ccy>	[0..1]	CodeSet	C1	132
	TotalAmount <TtlAmt>	[1..1]	Amount		132
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		132
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		132
	DetailedAmount <DtlAmt>	[0..1]	±		132
	RequestedAmount <ReqdAmt>	[0..1]	Amount		133
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		133
	InvoiceAmount <InvcAmt>	[0..1]	Amount		133
	ValidityDate <VldtyDt>	[0..1]	Date		133
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		133
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		134
	AccountType <AcctTp>	[0..1]	CodeSet		134
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			135
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		137
	Conversion <Convs>	[0..1]			137
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ResultingAmount <RsltgAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <AplblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <DclrtnDtls>	[0..*]	±		143
	Instalment <Instlmt>	[0..*]	±		144
	Recurring <Rcrng>	[0..1]	±		145
	AggregationTransaction <AggtnTx>	[0..1]	±		146
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		146
	SaleItem <SaleItm>	[0..*]	±		146
	DeliveryLocation <DlvryLctn>	[0..1]	Text		147
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		147
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		147
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		148
	AdditionalInformation <AddtlInf>	[0..*]			148
	Identification <Id>	[1..1]	Text		148
	Value <Val>	[0..1]	Binary		148
	ProtectedValue <PrctcdVal>	[0..1]	±		148
	Type <Tp>	[0..1]	Text		149
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		149
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		149
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			149
	ActionType <ActnTp>	[1..1]	CodeSet		149
	MessageToPresent <MsgToPres>	[0..1]	±		151
	RemoteAccess <RmotAccs>	[0..1]	±		151
	Retry <Rtry>	[0..1]	±		152
	TimeCondition <TmCond>	[0..1]	±		152

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

3.4.2.2.6 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

3.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	132
	TotalAmount <TtlAmt>	[1..1]	Amount		132
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		132
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		132
	DetailedAmount <DtldAmt>	[0..1]	±		132
	RequestedAmount <ReqdAmt>	[0..1]	Amount		133
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		133
	InvoiceAmount <InvcAmt>	[0..1]	Amount		133
	ValidityDate <VldtyDt>	[0..1]	Date		133
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		133
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		134
	AccountType <AcctTp>	[0..1]	CodeSet		134
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			135
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		137
	Conversion <Convs>	[0..1]			137
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		140
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <ApblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <DclrtDtls>	[0..*]	±		143
	Instalment <Instlmt>	[0..*]	±		144
	Recurring <Rcrng>	[0..1]	±		145
	AggregationTransaction <AggtTx>	[0..1]	±		146
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		146
	SaleItem <Saleitm>	[0..*]	±		146
	DeliveryLocation <DivryLctn>	[0..1]	Text		147
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		147
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		147
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		147
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		148
	AdditionalInformation <AddtlInf>	[0..*]			148
	Identification <Id>	[1..1]	Text		148
	Value <Val>	[0..1]	Binary		148
	ProtectedValue <PrctcdVal>	[0..1]	±		148
	Type <Tp>	[0..1]	Text		149
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		149

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

3.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		137
	Conversion <Convs>	[0..1]			137
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ResultingAmount <RsltgAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		140
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <AplblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <DclrtnDtls>	[0..*]	±		143

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		139
	TargetCurrency <TrgtCcy>	[1..1]			139
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[1..1]	Text		139
	Decimal <Dcml>	[1..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ResultingAmount <RsltAmt>	[0..1]	Amount		140
	ExchangeRate <XchgRate>	[1..1]	Rate		140
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		140
	QuotationDate <QtnDt>	[0..1]	DateTime		140
	ValidFrom <VldFr>	[0..1]	DateTime		140
	ValidUntil <VldUntil>	[0..1]	DateTime		140
	SourceCurrency <SrcCcy>	[1..1]			140
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141
	ApplicableBinRange <AplblBinRg>	[0..*]			141
	LowerBin <LwrBin>	[1..1]	Text		142
	HigherBin <HghrBin>	[1..1]	Text		142
	OriginalAmount <OrgnlAmt>	[0..1]			142
	ActualAmount <ActlAmt>	[0..1]	Amount		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142
	CommissionDetails <ComssnDtls>	[0..*]			143
	Amount <Amt>	[1..1]	Amount		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	MarkUpDetails <MrkUpDtls>	[0..*]			143
	Rate <Rate>	[1..1]	Rate		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143
	DeclarationDetails <DclrtDtls>	[0..*]	±		143

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 2454

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

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

3.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

3.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	141
	NumericCode <NmrcCd>	[0..1]	Text		141
	Decimal <Dcml>	[0..1]	Quantity		141
	Name <Nm>	[0..1]	Text		141

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

3.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		142
	HigherBin <HghrBin>	[1..1]	Text		142

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 2452

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 2452

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		142
	MinimumAmount <MinAmt>	[0..1]	Amount		142
	MaximumAmount <MaxAmt>	[0..1]	Amount		142

3.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143

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 2384

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 2454

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		143
	AdditionalInformation <AddtlInf>	[0..1]	Text		143

3.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

3.4.2.2.7.16 AggregationTransaction <Aggtntx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <Aggtntx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

3.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		148
	Value <Val>	[0..1]	Binary		148
	ProtectedValue <PrtctdVal>	[0..1]	±		148
	Type <Tp>	[0..1]	Text		149

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

3.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2456

3.4.2.2.9 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		149
	MessageToPresent <MsgToPres>	[0..1]	±		151
	RemoteAccess <RmotAccs>	[0..1]	±		151
	Retry <Rtry>	[0..1]	±		152
	TimeCondition <TmCond>	[0..1]	±		152

3.4.2.2.9.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

3.4.2.2.9.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

3.4.2.2.9.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

3.4.2.2.9.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

3.4.2.2.9.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 **CardPaymentTransaction152** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			155
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		155
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			156
	Response <Rspn>	[1..1]	CodeSet		156
	ResponseReason <RspnRsn>	[0..1]	Text		156
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		156
	AuthorisationCode <AuthstnCd>	[0..1]	Text		156
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		156
	TMSTrigger <TMSTrggr>	[0..1]			157
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		157
	TMSIdentification <TMSId>	[0..1]	Text		157
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		157
	AllowedProductCode <AllwdPdctCd>	[0..*]			157
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			158
	ProductCode <PdctCd>	[1..1]	Text		159
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		159
	AmountLimit <AmtLmt>	[0..1]	Amount		159
	QuantityLimit <QtyLmt>	[0..1]	Quantity		159
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		159
	Balance <Bal>	[0..1]	±		161
	ProtectedBalance <PrtctdBal>	[0..1]	±		161
	Action <Actn>	[0..*]			162
	ActionType <ActnTp>	[1..1]	CodeSet		162
	MessageToPresent <MsgToPres>	[0..1]	±		163
	RemoteAccess <RmotAccs>	[0..1]	±		164
	Retry <Rtry>	[0..1]	±		164

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		165
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			165
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		167
	TargetCurrency <TrgtCcy>	[1..1]			167
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	167
	NumericCode <NmrcCd>	[1..1]	Text		167
	Decimal <Dcml>	[1..1]	Quantity		167
	Name <Nm>	[0..1]	Text		168
	ResultingAmount <RsltgAmt>	[0..1]	Amount		168
	ExchangeRate <XchgRate>	[1..1]	Rate		168
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		168
	QuotationDate <QtnDt>	[0..1]	DateTime		168
	ValidFrom <VldFr>	[0..1]	DateTime		168
	ValidUntil <VldUntil>	[0..1]	DateTime		168
	SourceCurrency <SrcCcy>	[1..1]			168
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	169
	NumericCode <NmrcCd>	[0..1]	Text		169
	Decimal <Dcml>	[0..1]	Quantity		169
	Name <Nm>	[0..1]	Text		169
	ApplicableBinRange <AplblBinRg>	[0..*]			169
	LowerBin <LwrBin>	[1..1]	Text		170
	HigherBin <HghrBin>	[1..1]	Text		170
	OriginalAmount <OrgnlAmt>	[0..1]			170
	ActualAmount <ActlAmt>	[0..1]	Amount		170
	MinimumAmount <MinAmt>	[0..1]	Amount		170
	MaximumAmount <MaxAmt>	[0..1]	Amount		170
	CommissionDetails <ComssnDtls>	[0..*]			171
	Amount <Amt>	[1..1]	Amount		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	MarkUpDetails <MrkUpDtls>	[0..*]			171
	Rate <Rate>	[1..1]	Rate		171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	DeclarationDetails <DclrtnDtls>	[0..*]	±		171

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]	±		155
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			156
	Response <Rspn>	[1..1]	CodeSet		156
	ResponseReason <RspnRsn>	[0..1]	Text		156
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		156
	AuthorisationCode <AuthstnCd>	[0..1]	Text		156
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		156
	TMSTrigger <TMSTrggr>	[0..1]			157
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		157
	TMSIdentification <TMSId>	[0..1]	Text		157
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		157

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 2040](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		156
	ResponseReason <RspnRsn>	[0..1]	Text		156
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		156

3.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2449):

- *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		157
	TMSIdentification <TMSId>	[0..1]	Text		157
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		157

3.4.2.3.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158

3.4.2.3.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

3.4.2.3.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

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		158
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		158

3.4.2.3.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

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		159
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		159
	AmountLimit <AmtLmt>	[0..1]	Amount		159
	QuantityLimit <QtyLmt>	[0..1]	Quantity		159
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		159

3.4.2.3.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2456

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

3.4.2.3.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

3.4.2.3.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2449

3.4.2.3.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2444

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 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Currency <Ccy>	[1..1]	CodeSet	C1	1748
	Sign <Sgn>	[0..1]	Indicator		1748

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 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

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 **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		162
	MessageToPresent <MsgToPres>	[0..1]	±		163
	RemoteAccess <RmotAccs>	[0..1]	±		164
	Retry <Rtry>	[0..1]	±		164
	TimeCondition <TmCond>	[0..1]	±		165

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 2387

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

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 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		167
	TargetCurrency <TrgtCcy>	[1..1]			167
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	167
	NumericCode <NmrcCd>	[1..1]	Text		167
	Decimal <Dcml>	[1..1]	Quantity		167
	Name <Nm>	[0..1]	Text		168
	ResultingAmount <RsltAmt>	[0..1]	Amount		168
	ExchangeRate <XchgRate>	[1..1]	Rate		168
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		168
	QuotationDate <QtnDt>	[0..1]	DateTime		168
	ValidFrom <VldFr>	[0..1]	DateTime		168
	ValidUntil <VldUntil>	[0..1]	DateTime		168
	SourceCurrency <SrcCcy>	[1..1]			168
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	169
	NumericCode <NmrcCd>	[0..1]	Text		169
	Decimal <Dcml>	[0..1]	Quantity		169
	Name <Nm>	[0..1]	Text		169
	ApplicableBinRange <AplblBinRg>	[0..*]			169
	LowerBin <LwrBin>	[1..1]	Text		170
	HigherBin <HghrBin>	[1..1]	Text		170
	OriginalAmount <OrgnlAmt>	[0..1]			170
	ActualAmount <ActlAmt>	[0..1]	Amount		170
	MinimumAmount <MinAmt>	[0..1]	Amount		170
	MaximumAmount <MaxAmt>	[0..1]	Amount		170
	CommissionDetails <ComssnDtls>	[0..*]			171
	Amount <Amt>	[1..1]	Amount		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171
	MarkUpDetails <MrkUpDtls>	[0..*]			171
	Rate <Rate>	[1..1]	Rate		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		171

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 2454

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	167
	NumericCode <NmrcCd>	[1..1]	Text		167
	Decimal <Dcml>	[1..1]	Quantity		167
	Name <Nm>	[0..1]	Text		168

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

3.4.2.3.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

3.4.2.3.8.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2450

3.4.2.3.8.5 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 2450

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 2447

3.4.2.3.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

3.4.2.3.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	169
	NumericCode <NmrcCd>	[0..1]	Text		169
	Decimal <Dcml>	[0..1]	Quantity		169
	Name <Nm>	[0..1]	Text		169

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

3.4.2.3.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		170
	HigherBin <HghrBin>	[1..1]	Text		170

3.4.2.3.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

3.4.2.3.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

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		170
	MinimumAmount <MinAmt>	[0..1]	Amount		170
	MaximumAmount <MaxAmt>	[0..1]	Amount		170

3.4.2.3.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171

3.4.2.3.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

3.4.2.3.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

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		171
	AdditionalInformation <AddtlInf>	[0..1]	Text		171

3.4.2.3.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

3.4.2.3.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBracd>	[0..1]			2197
	BarcodeType <BracdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BracdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

4 caaa.003.001.15 AcceptorCompletionAdviceV15

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 AcceptorCompletionAdviceV15 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]			183
	MessageFunction <MsgFctn>	[1..1]	CodeSet		183
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		185
	ExchangeIdentification <XchgId>	[1..1]	Quantity		185
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		185
	CreationDateTime <CreDtTm>	[1..1]	DateTime		185
	InitiatingParty <InitgPty>	[1..1]	±		185
	RecipientParty <RcptPty>	[0..1]	±		186
	Traceability <Tracblt>	[0..*]	±		186
	CompletionAdvice <CmpltnAdvc>	[1..1]			187
	Environment <Envt>	[1..1]	±	C9	194
	Context <Cntxt>	[0..1]		C10	200
	PaymentContext <PmtCntxt>	[0..1]			203
	CardPresent <CardPres>	[0..1]	Indicator		203
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		203
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		204
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		204
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		204
	TransactionChannel <TxChanl>	[0..1]	CodeSet		204
	BusinessArea <BizArea>	[0..1]	CodeSet		205
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		205
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	205
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		206
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		206
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		207
	SaleContext <SaleCntxt>	[0..1]			207
	SaleIdentification <SaleId>	[0..1]	Text		208
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		208
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		209

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		209
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	209
	ShiftNumber <ShftNb>	[0..1]	Text		209
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		209
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		209
	InvoiceNumber <InvNb>	[0..1]	Text		209
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		210
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			210
	CommonName <CmonNm>	[1..1]	Text		210
	Address <Adr>	[0..1]	Text		210
	CountryCode <CtryCd>	[1..1]	CodeSet		210
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		210
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		210
	SplitPayment <SplitPmt>	[0..1]	Indicator		211
	RemainingAmount <RmngAmt>	[0..1]	Amount		211
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		211
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		211
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		211
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		212
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		212
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	212
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		213
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		213
	SystemToNotify <SysToNtfy>	[0..1]	Text		213
	Debtor <Dbtr>	[0..1]	±		214
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	215
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		215
	Creditor <Cdtr>	[0..1]	±		215
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	216
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		217
	DirectDebitContext <DrctDbtCntxt>	[0..1]			217

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		218
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	219
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		220
	Creditor <Cdtr>	[0..1]	±		220
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	221
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		222
	MandateRelatedInformation <MndtRltdInf>	[1..1]			222
	MandateIdentification <MndtId>	[1..1]	Text		223
	DateOfSignature <DtOfSgntr>	[0..1]	Date		223
	MandateImage <MndtImg>	[0..1]	Binary		223
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		223
	Transaction <Tx>	[1..1]			223
	TransactionCapture <TxCaptr>	[0..1]	Indicator		228
	TransactionType <TxTp>	[0..1]	CodeSet		228
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		229
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		230
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		230
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		230
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		231
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		231
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		231
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		231
	TransactionIdentification <TxId>	[1..1]	±		231
	OriginalTransaction <OrgnlTx>	[0..1]	±		232
	TransactionSuccess <TxSucss>	[1..1]	Indicator		232
	Reversal <Rvs/>	[0..1]	Indicator		233
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		233
	FailureReason <FailrRsn>	[0..*]	CodeSet		233
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		234
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		234
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		234

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InterchangeData <IntrchgData>	[0..1]	Text		234
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		234
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		234
	TransactionDetails <TxDtls>	[1..1]			235
	Currency <Ccy>	[0..1]	CodeSet	C1	238
	TotalAmount <TtlAmt>	[1..1]	Amount		238
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		238
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		238
	DetailedAmount <DtldAmt>	[0..1]	±		238
	RequestedAmount <ReqdAmt>	[0..1]	Amount		239
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		239
	InvoiceAmount <InvcAmt>	[0..1]	Amount		239
	ValidityDate <VldtyDt>	[0..1]	Date		239
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		239
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		240
	AccountType <AcctTp>	[0..1]	CodeSet		240
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			241
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		243
	Conversion <Convs>	[0..1]			243
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltgAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <DclrtDtls>	[0..*]	±		249
	Instalment <Instlmt>	[0..*]	±		250
	Recurring <Rcrng>	[0..1]	±		251
	AggregationTransaction <AggtnTx>	[0..1]	±		252
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		252
	SaleItem <Saleitm>	[0..*]	±		252
	DeliveryLocation <DlvryLctn>	[0..1]	Text		253
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		253
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		253
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		253
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		254
	AdditionalInformation <AddtlInf>	[0..*]			254
	Identification <Id>	[1..1]	Text		254

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		254
	ProtectedValue <PrctcdVal>	[0..1]	±		254
	Type <Tp>	[0..1]	Text		255
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		255
	AuthorisationResult <AuthstnRslt>	[0..1]			255
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		255
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			256
	Response <Rspn>	[1..1]	CodeSet		256
	ResponseReason <RspnRsn>	[0..1]	Text		256
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		257
	AuthorisationCode <AuthstnCd>	[0..1]	Text		257
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		257
	AccountFrom <AcctFr>	[0..1]			257
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		258
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		259
	AccountName <AcctNm>	[0..1]	Text		259
	AccountOwner <AcctOwnr>	[0..1]			260
	Name <Nm>	[1..1]	Text		260
	Address <Adr>	[1..1]	±		260
	Currency <Ccy>	[0..1]	CodeSet	C1	260
	AccountIdentifier <Acctldr>	[0..1]			261
{Or	Card <Card>	[1..1]	Text		261
Or	MSISDN <MSISDN>	[1..1]	Text		261
Or	EMail <EMail>	[1..1]	Text		261
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	261
Or	BBAN <BBAN>	[1..1]	IdentifierSet		262
Or	UPIC <UPIC>	[1..1]	IdentifierSet		262
Or	Domestic <Dmst>	[1..1]	Text		262
Or}	Other <Othr>	[1..1]	Text		262
	Servicer <Svcr>	[0..1]			262
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	263

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		263
	AccountTo <AcctTo>	[0..1]			263
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		264
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		265
	AccountName <AcctNm>	[0..1]	Text		265
	AccountOwner <AcctOwnr>	[0..1]			266
	Name <Nm>	[1..1]	Text		266
	Address <Adr>	[1..1]	±		266
	Currency <Ccy>	[0..1]	CodeSet	C1	266
	AccountIdentifier <AcctIdr>	[0..1]			267
{Or	Card <Card>	[1..1]	Text		267
Or	MSISDN <MSISDN>	[1..1]	Text		267
Or	EMail <EMail>	[1..1]	Text		267
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	267
Or	BBAN <BBAN>	[1..1]	IdentifierSet		268
Or	UPIC <UPIC>	[1..1]	IdentifierSet		268
Or	Domestic <Dmst>	[1..1]	Text		268
Or}	Other <Othr>	[1..1]	Text		268
	Servicer <Svcr>	[0..1]			268
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	269
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		269
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		269
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			269
	ActionType <ActnTp>	[1..1]	CodeSet		270
	MessageToPresent <MsgToPres>	[0..1]	±		271
	RemoteAccess <RmotAccs>	[0..1]	±		272
	Retry <Rtry>	[0..1]	±		272
	TimeCondition <TmCond>	[0..1]	±		272
	SupplementaryData <SplmtryData>	[0..*]	±	C12	273
	SecurityTrailer <SctyTrlr>	[0..1]	±		273

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		183
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		185
	ExchangeIdentification <XchgId>	[1..1]	Quantity		185
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		185
	CreationDateTime <CreDtTm>	[1..1]	DateTime		185
	InitiatingParty <InitgPty>	[1..1]	±		185
	RecipientParty <RcptPty>	[0..1]	±		186
	Traceability <Tracblt>	[0..*]	±		186

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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

CodeName	Name	Definition
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.

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

4.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

4.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

4.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

4.4.2 CompletionAdvice <CmpltnAdv>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdv> contains the following **AcceptorCompletionAdvice15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	194
	Context <Cntxt>	[0..1]		C10	200
	PaymentContext <PmtCntxt>	[0..1]			203
	CardPresent <CardPres>	[0..1]	Indicator		203
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		203
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		204
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		204
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		204
	TransactionChannel <TxChanl>	[0..1]	CodeSet		204
	BusinessArea <BizArea>	[0..1]	CodeSet		205
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		205
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	205
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		206
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		206
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		207
	SaleContext <SaleCntxt>	[0..1]			207
	SaleIdentification <SaleId>	[0..1]	Text		208
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		208
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		209
	CashierIdentification <CshrId>	[0..1]	Text		209
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	209
	ShiftNumber <ShftNb>	[0..1]	Text		209
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		209
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		209
	InvoiceNumber <InvNb>	[0..1]	Text		209
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		210
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			210
	CommonName <CmonNm>	[1..1]	Text		210
	Address <Adr>	[0..1]	Text		210
	CountryCode <CtryCd>	[1..1]	CodeSet		210
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		210

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		210
	SplitPayment <SplitPmt>	[0..1]	Indicator		211
	RemainingAmount <RmngAmt>	[0..1]	Amount		211
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		211
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		211
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		211
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		212
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		212
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	212
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		213
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		213
	SystemToNotify <SysToNtfy>	[0..1]	Text		213
	Debtor <Dbtr>	[0..1]	±		214
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	215
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		215
	Creditor <Cdtr>	[0..1]	±		215
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	216
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		217
	DirectDebitContext <DrctDbtCntxt>	[0..1]			217
	Debtor <Dbtr>	[0..1]	±		218
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	219
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		220
	Creditor <Cdtr>	[0..1]	±		220
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	221
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		222
	MandateRelatedInformation <MndtRltdInf>	[1..1]			222
	MandateIdentification <MndtId>	[1..1]	Text		223
	DateOfSignature <DtOfSgntr>	[0..1]	Date		223
	MandateImage <MndtImg>	[0..1]	Binary		223
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		223
	Transaction <Tx>	[1..1]			223

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		228
	TransactionType <TxTp>	[0..1]	CodeSet		228
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		229
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		230
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		230
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		230
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		231
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		231
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		231
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		231
	TransactionIdentification <Txld>	[1..1]	±		231
	OriginalTransaction <OrgnlTx>	[0..1]	±		232
	TransactionSuccess <TxSucss>	[1..1]	Indicator		232
	Reversal <Rvsl>	[0..1]	Indicator		233
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		233
	FailureReason <FailRsn>	[0..*]	CodeSet		233
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		234
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		234
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		234
	InterchangeData <IntrchnngData>	[0..1]	Text		234
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		234
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		234
	TransactionDetails <TxDtls>	[1..1]			235
	Currency <Ccy>	[0..1]	CodeSet	C1	238
	TotalAmount <TtlAmt>	[1..1]	Amount		238
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		238
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		238
	DetailedAmount <DtldAmt>	[0..1]	±		238
	RequestedAmount <ReqdAmt>	[0..1]	Amount		239
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		239
	InvoiceAmount <InvcAmt>	[0..1]	Amount		239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		239
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		239
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		240
	AccountType <AcctTp>	[0..1]	CodeSet		240
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			241
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		243
	Conversion <Convs>	[0..1]			243
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <DclrtnDtls>	[0..*]	±		249
	Instalment <Instlmt>	[0..*]	±		250
	Recurring <Rcrng>	[0..1]	±		251
	AggregationTransaction <AggtnTx>	[0..1]	±		252
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		252
	SaleItem <Saleitm>	[0..*]	±		252
	DeliveryLocation <DlvryLctn>	[0..1]	Text		253
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		253
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		253
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		253
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		254
	AdditionalInformation <AddtlInf>	[0..*]			254
	Identification <Id>	[1..1]	Text		254
	Value <Val>	[0..1]	Binary		254
	ProtectedValue <PrctcdVal>	[0..1]	±		254
	Type <Tp>	[0..1]	Text		255
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		255
	AuthorisationResult <AuthstnRslt>	[0..1]			255
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		255
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			256
	Response <Rspn>	[1..1]	CodeSet		256
	ResponseReason <RspnRsn>	[0..1]	Text		256
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		257
	AuthorisationCode <AuthstnCd>	[0..1]	Text		257
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			257
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		258
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		259
	AccountName <AcctNm>	[0..1]	Text		259
	AccountOwner <AcctOwnr>	[0..1]			260
	Name <Nm>	[1..1]	Text		260
	Address <Adr>	[1..1]	±		260
	Currency <Ccy>	[0..1]	CodeSet	C1	260
	AccountIdentifier <AcctIdr>	[0..1]			261
{Or	Card <Card>	[1..1]	Text		261
Or	MSISDN <MSISDN>	[1..1]	Text		261
Or	EMail <EMail>	[1..1]	Text		261
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	261
Or	BBAN <BBAN>	[1..1]	IdentifierSet		262
Or	UPIC <UPIC>	[1..1]	IdentifierSet		262
Or	Domestic <Dmst>	[1..1]	Text		262
Or}	Other <Othr>	[1..1]	Text		262
	Servicer <Svcr>	[0..1]			262
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	263
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		263
	AccountTo <AcctTo>	[0..1]			263
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		264
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		265
	AccountName <AcctNm>	[0..1]	Text		265
	AccountOwner <AcctOwnr>	[0..1]			266
	Name <Nm>	[1..1]	Text		266
	Address <Adr>	[1..1]	±		266
	Currency <Ccy>	[0..1]	CodeSet	C1	266
	AccountIdentifier <AcctIdr>	[0..1]			267
{Or	Card <Card>	[1..1]	Text		267
Or	MSISDN <MSISDN>	[1..1]	Text		267

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		267
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	267
Or	B BAN <BBAN>	[1..1]	IdentifierSet		268
Or	U PIC <UPIC>	[1..1]	IdentifierSet		268
Or	D omestic <Dmst>	[1..1]	Text		268
Or}	O ther <Othr>	[1..1]	Text		268
	S ervicer <Svcr>	[0..1]			268
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	269
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		269
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		269
	M essageFromMerchant <MsgFrMrchnt>	[0..*]			269
	A ctionType <ActnTp>	[1..1]	CodeSet		270
	M essageToPresent <MsgToPres>	[0..1]	±		271
	R emoteAccess <RmotAccs>	[0..1]	±		272
	R etry <Rtry>	[0..1]	±		272
	T imeCondition <TmCond>	[0..1]	±		272
	S upplementaryData <SplmtryData>	[0..*]	±	C12	273

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			203
	CardPresent <CardPres>	[0..1]	Indicator		203
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		203
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		204
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		204
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		204
	TransactionChannel <TxChanl>	[0..1]	CodeSet		204
	BusinessArea <BizArea>	[0..1]	CodeSet		205
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		205
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	205
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		206
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		206
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		207
	SaleContext <SaleCntxt>	[0..1]			207
	SaleIdentification <SaleId>	[0..1]	Text		208
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		208
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		209
	CashierIdentification <CshrId>	[0..1]	Text		209
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	209
	ShiftNumber <ShftNb>	[0..1]	Text		209
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		209
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		209
	InvoiceNumber <InvNb>	[0..1]	Text		209
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		210
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			210
	CommonName <CmonNm>	[1..1]	Text		210
	Address <Adr>	[0..1]	Text		210
	CountryCode <CtryCd>	[1..1]	CodeSet		210
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		210
	RegisteredIdentifier <Regldr>	[1..1]	Text		210
	SplitPayment <SpltPmt>	[0..1]	Indicator		211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		211
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		211
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		211
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		211
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		212
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		212
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	212
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		213
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		213
	SystemToNotify <SysToNtfy>	[0..1]	Text		213
	Debtor <Dbtr>	[0..1]	±		214
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	215
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		215
	Creditor <Cdtr>	[0..1]	±		215
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	216
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		217
	DirectDebitContext <DrctDbtCntxt>	[0..1]			217
	Debtor <Dbtr>	[0..1]	±		218
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	219
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		220
	Creditor <Cdtr>	[0..1]	±		220
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	221
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		222
	MandateRelatedInformation <MndtRltdInf>	[1..1]			222
	MandateIdentification <Mndtld>	[1..1]	Text		223
	DateOfSignature <DtOfSgntr>	[0..1]	Date		223
	MandateImage <Mndtlmg>	[0..1]	Binary		223
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		223

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		203
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		203
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		204
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		204
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		204
	TransactionChannel <TxChanl>	[0..1]	CodeSet		204
	BusinessArea <BizArea>	[0..1]	CodeSet		205
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		205
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	205
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		206
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		206
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		207

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		208
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		208
	SaleReconciliationIdentification <SaleRcncld>	[0..1]	Text		209
	CashierIdentification <CshrlId>	[0..1]	Text		209
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	209
	ShiftNumber <ShftNb>	[0..1]	Text		209
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		209
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		209
	InvoiceNumber <InvcNb>	[0..1]	Text		209
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		210
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			210
	CommonName <CmonNm>	[1..1]	Text		210
	Address <Adr>	[0..1]	Text		210
	CountryCode <CtryCd>	[1..1]	CodeSet		210
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		210
	RegisteredIdentifier <RegldId>	[1..1]	Text		210
	SplitPayment <Spltpmt>	[0..1]	Indicator		211
	RemainingAmount <RmngAmt>	[0..1]	Amount		211
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		211
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		211
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		211
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		212
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		212

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 2454

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 2454

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 2454

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 2454

4.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

4.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		210
	Address <Adr>	[0..1]	Text		210
	CountryCode <CtryCd>	[1..1]	CodeSet		210
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		210
	RegisteredIdentifier <RegIdlr>	[1..1]	Text		210

4.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

4.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

4.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

4.4.2.2.2.11.5 RegisteredIdentifier <RegIdlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		213
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		213
	SystemToNotify <SysToNtfy>	[0..1]	Text		213
	Debtor <Dbtr>	[0..1]	±		214
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	215
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		215
	Creditor <Cdtr>	[0..1]	±		215
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	216
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		217

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		218
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	219
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		220
	Creditor <Cdtr>	[0..1]	±		220
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	221
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		222
	MandateRelatedInformation <MndtRltdInf>	[1..1]			222
	MandateIdentification <MndtId>	[1..1]	Text		223
	DateOfSignature <DtOfSgntr>	[0..1]	Date		223
	MandateImage <MndtImg>	[0..1]	Binary		223
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		223

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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		223
	DateOfSignature <DtOfSgntr>	[0..1]	Date		223
	MandateImage <MndtImg>	[0..1]	Binary		223
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		223

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 2454

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 2447

4.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

4.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction147** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		228
	TransactionType <TxTp>	[0..1]	CodeSet		228
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		229
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		230
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		230
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		230
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		231
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		231
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		231
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		231
	TransactionIdentification <TxId>	[1..1]	±		231
	OriginalTransaction <OrgnlTx>	[0..1]	±		232
	TransactionSuccess <TxSucss>	[1..1]	Indicator		232
	Reversal <Rvsl>	[0..1]	Indicator		233
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		233
	FailureReason <FailrRsn>	[0..*]	CodeSet		233
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		234
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		234
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		234
	InterchangeData <IntrchnngData>	[0..1]	Text		234
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		234
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		234
	TransactionDetails <TxDtls>	[1..1]			235
	Currency <Ccy>	[0..1]	CodeSet	C1	238
	TotalAmount <TtlAmt>	[1..1]	Amount		238
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		238
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		238
	DetailedAmount <DtlAmt>	[0..1]	±		238
	RequestedAmount <ReqdAmt>	[0..1]	Amount		239
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		239
	InvoiceAmount <InvAmt>	[0..1]	Amount		239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		239
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		239
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		240
	AccountType <AcctTp>	[0..1]	CodeSet		240
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			241
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		243
	Conversion <Convs>	[0..1]			243
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <DclrtDtls>	[0..*]	±		249
	Instalment <Instlmt>	[0..*]	±		250
	Recurring <Rcrng>	[0..1]	±		251
	AggregationTransaction <AggtnTx>	[0..1]	±		252
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		252
	SaleItem <Saleitm>	[0..*]	±		252
	DeliveryLocation <DlvryLctn>	[0..1]	Text		253
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		253
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		253
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		253
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		254
	AdditionalInformation <AddtlInf>	[0..*]			254
	Identification <Id>	[1..1]	Text		254
	Value <Val>	[0..1]	Binary		254
	ProtectedValue <PrctcdVal>	[0..1]	±		254
	Type <Tp>	[0..1]	Text		255
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		255
	AuthorisationResult <AuthstnRslt>	[0..1]			255
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		255
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			256
	Response <Rspn>	[1..1]	CodeSet		256
	ResponseReason <RspnRsn>	[0..1]	Text		256
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		257
	AuthorisationCode <AuthstnCd>	[0..1]	Text		257
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			257
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		258
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		259
	AccountName <AcctNm>	[0..1]	Text		259
	AccountOwner <AcctOwnr>	[0..1]			260
	Name <Nm>	[1..1]	Text		260
	Address <Adr>	[1..1]	±		260
	Currency <Ccy>	[0..1]	CodeSet	C1	260
	AccountIdentifier <AcctIdr>	[0..1]			261
{Or	Card <Card>	[1..1]	Text		261
Or	MSISDN <MSISDN>	[1..1]	Text		261
Or	EMail <EMail>	[1..1]	Text		261
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	261
Or	BBAN <BBAN>	[1..1]	IdentifierSet		262
Or	UPIC <UPIC>	[1..1]	IdentifierSet		262
Or	Domestic <Dmst>	[1..1]	Text		262
Or}	Other <Othr>	[1..1]	Text		262
	Servicer <Svcr>	[0..1]			262
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	263
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		263
	AccountTo <AcctTo>	[0..1]			263
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		264
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		265
	AccountName <AcctNm>	[0..1]	Text		265
	AccountOwner <AcctOwnr>	[0..1]			266
	Name <Nm>	[1..1]	Text		266
	Address <Adr>	[1..1]	±		266
	Currency <Ccy>	[0..1]	CodeSet	C1	266
	AccountIdentifier <AcctIdr>	[0..1]			267
{Or	Card <Card>	[1..1]	Text		267
Or	MSISDN <MSISDN>	[1..1]	Text		267

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		267
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	267
Or	B BAN <BBAN>	[1..1]	IdentifierSet		268
Or	U PIC <UPIC>	[1..1]	IdentifierSet		268
Or	D omestic <Dmst>	[1..1]	Text		268
Or}	O ther <Othr>	[1..1]	Text		268
	S ervicer <Svcr>	[0..1]			268
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	269
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		269
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		269
	M essageFromMerchant <MsgFrMrchnt>	[0..*]			269
	A ctionType <ActnTp>	[1..1]	CodeSet		270
	M essageToPresent <MsgToPres>	[0..1]	±		271
	R emoteAccess <RmotAccs>	[0..1]	±		272
	R etry <Rtry>	[0..1]	±		272
	T imeCondition <TmCond>	[0..1]	±		272

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 2449):

- *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 2406

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.

CodeName	Name	Definition
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.

4.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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 2407

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 2449):

- *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 2457

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 2449):

- *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 2454

4.4.2.3.9 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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

4.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2449):

- *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 2449):

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

4.4.2.3.15 MerchantOverride <MrchntOvrrd>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2449):

- *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 2416

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).

CodeName	Name	Definition
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 2454

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 2452

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 2454

4.4.2.3.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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 2452

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 2452

4.4.2.3.23 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	238
	TotalAmount <TtlAmt>	[1..1]	Amount		238
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		238
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		238
	DetailedAmount <DtldAmt>	[0..1]	±		238
	RequestedAmount <ReqdAmt>	[0..1]	Amount		239
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		239
	InvoiceAmount <InvcAmt>	[0..1]	Amount		239
	ValidityDate <VldtyDt>	[0..1]	Date		239
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		239
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		240
	AccountType <AcctTp>	[0..1]	CodeSet		240
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			241
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		243
	Conversion <Convs>	[0..1]			243
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltgAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <Dclrtndtls>	[0..*]	±		249
	Instalment <Instlmt>	[0..*]	±		250
	Recurring <Rcrng>	[0..1]	±		251
	AggregationTransaction <AggtTx>	[0..1]	±		252
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		252
	SaleItem <Saleitm>	[0..*]	±		252
	DeliveryLocation <DivryLctn>	[0..1]	Text		253
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		253
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		253
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		253
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		254
	AdditionalInformation <AddtlInf>	[0..*]			254
	Identification <Id>	[1..1]	Text		254
	Value <Val>	[0..1]	Binary		254
	ProtectedValue <PrctcdVal>	[0..1]	±		254
	Type <Tp>	[0..1]	Text		255
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		255

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

4.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		243
	Conversion <Convs>	[0..1]			243
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltgAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <DclrtnDtls>	[0..*]	±		249

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		245
	TargetCurrency <TrgtCcy>	[1..1]			245
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245
	ResultingAmount <RsltAmt>	[0..1]	Amount		246
	ExchangeRate <XchgRate>	[1..1]	Rate		246
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		246
	QuotationDate <QtnDt>	[0..1]	DateTime		246
	ValidFrom <VldFr>	[0..1]	DateTime		246
	ValidUntil <VldUntil>	[0..1]	DateTime		246
	SourceCurrency <SrcCcy>	[1..1]			246
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247
	ApplicableBinRange <AplblBinRg>	[0..*]			247
	LowerBin <LwrBin>	[1..1]	Text		248
	HigherBin <HghrBin>	[1..1]	Text		248
	OriginalAmount <OrgnlAmt>	[0..1]			248
	ActualAmount <ActlAmt>	[0..1]	Amount		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248
	CommissionDetails <ComssnDtls>	[0..*]			249
	Amount <Amt>	[1..1]	Amount		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	MarkUpDetails <MrkUpDtls>	[0..*]			249
	Rate <Rate>	[1..1]	Rate		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249
	DeclarationDetails <DclrtDtls>	[0..*]	±		249

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 2454

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	245
	NumericCode <NmrcCd>	[1..1]	Text		245
	Decimal <Dcml>	[1..1]	Quantity		245
	Name <Nm>	[0..1]	Text		245

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

4.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

4.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	247
	NumericCode <NmrcCd>	[0..1]	Text		247
	Decimal <Dcml>	[0..1]	Quantity		247
	Name <Nm>	[0..1]	Text		247

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

4.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		248
	HigherBin <HghrBin>	[1..1]	Text		248

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 2452

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 2452

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		248
	MinimumAmount <MinAmt>	[0..1]	Amount		248
	MaximumAmount <MaxAmt>	[0..1]	Amount		248

4.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249

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 2384

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 2454

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		249
	AdditionalInformation <AddtlInf>	[0..1]	Text		249

4.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

4.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		254
	Value <Val>	[0..1]	Binary		254
	ProtectedValue <PrtctdVal>	[0..1]	±		254
	Type <Tp>	[0..1]	Text		255

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

4.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

4.4.2.3.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		255
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			256
	Response <Rspn>	[1..1]	CodeSet		256
	ResponseReason <RspnRsn>	[0..1]	Text		256
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		257
	AuthorisationCode <AuthstnCd>	[0..1]	Text		257

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		256
	ResponseReason <RspnRsn>	[0..1]	Text		256
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		257

4.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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 2454

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 2452

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2456

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		258
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		259
	AccountName <AcctNm>	[0..1]	Text		259
	AccountOwner <AcctOwnr>	[0..1]			260
	Name <Nm>	[1..1]	Text		260
	Address <Adr>	[1..1]	±		260
	Currency <Ccy>	[0..1]	CodeSet	C1	260
	AccountIdentifier <AcctIdr>	[0..1]			261
{Or	Card <Card>	[1..1]	Text		261
Or	MSISDN <MSISDN>	[1..1]	Text		261
Or	EMail <EMail>	[1..1]	Text		261
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	261
Or	BBAN <BBAN>	[1..1]	IdentifierSet		262
Or	UPIC <UPIC>	[1..1]	IdentifierSet		262
Or	Domestic <Dmst>	[1..1]	Text		262
Or}	Other <Othr>	[1..1]	Text		262
	Servicer <Svcr>	[0..1]			262
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	263
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		263

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 2387

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 2403

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 2456

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		260
	Address <Adr>	[1..1]	±		260

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		261
Or	MSISDN <MSISDN>	[1..1]	Text		261
Or	EMail <EMail>	[1..1]	Text		261
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	261
Or	BBAN <BBAN>	[1..1]	IdentifierSet		262
Or	UPIC <UPIC>	[1..1]	IdentifierSet		262
Or	Domestic <Dmst>	[1..1]	Text		262
Or}	Other <Othr>	[1..1]	Text		262

4.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

4.4.2.3.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

4.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	263
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		263

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		264
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		265
	AccountName <AcctNm>	[0..1]	Text		265
	AccountOwner <AcctOwnr>	[0..1]			266
	Name <Nm>	[1..1]	Text		266
	Address <Adr>	[1..1]	±		266
	Currency <Ccy>	[0..1]	CodeSet	C1	266
	AccountIdentifier <AcctIdr>	[0..1]			267
{Or	Card <Card>	[1..1]	Text		267
Or	MSISDN <MSISDN>	[1..1]	Text		267
Or	EMail <EMail>	[1..1]	Text		267
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	267
Or	BBAN <BBAN>	[1..1]	IdentifierSet		268
Or	UPIC <UPIC>	[1..1]	IdentifierSet		268
Or	Domestic <Dmst>	[1..1]	Text		268
Or}	Other <Othr>	[1..1]	Text		268
	Servicer <Svcr>	[0..1]			268
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	269
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		269

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 2387

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 2403

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 2456

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		266
	Address <Adr>	[1..1]	±		266

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		267
Or	MSISDN <MSISDN>	[1..1]	Text		267
Or	EMail <EMail>	[1..1]	Text		267
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	267
Or	BBAN <BBAN>	[1..1]	IdentifierSet		268
Or	UPIC <UPIC>	[1..1]	IdentifierSet		268
Or	Domestic <Dmst>	[1..1]	Text		268
Or}	Other <Othr>	[1..1]	Text		268

4.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	269
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		269

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

4.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

4.4.2.3.29 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		270
	MessageToPresent <MsgToPres>	[0..1]	±		271
	RemoteAccess <RmotAccs>	[0..1]	±		272
	Retry <Rtry>	[0..1]	±		272
	TimeCondition <TmCond>	[0..1]	±		272

4.4.2.3.29.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

4.4.2.3.29.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see ["ActionMessage12"](#) on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

4.4.2.3.29.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

4.4.2.3.29.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

4.4.2.3.29.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

5 caaa.004.001.14 AcceptorCompletionAdviceResponseV14

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 AcceptorCompletionAdviceResponseV14 MessageDefinition is composed of 3 MessageBuildingBlocks:

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

5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvRspn>	[1..1]			
	Header <Hdr>	[1..1]			276
	MessageFunction <MsgFctn>	[1..1]	CodeSet		276
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		278
	ExchangeIdentification <XchgId>	[1..1]	Quantity		278
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		278
	CreationDateTime <CreDtTm>	[1..1]	DateTime		278
	InitiatingParty <InitgPty>	[1..1]	±		278
	RecipientParty <RcptPty>	[0..1]	±		279
	Traceability <Tracblt>	[0..*]	±		279
	CompletionAdviceResponse <CmpltnAdvRspn>	[1..1]			280
	Environment <Envt>	[1..1]	±	C3	280
	Transaction <Tx>	[1..1]			286
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		287
	TransactionIdentification <TxId>	[1..1]	±		287
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		287
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		287
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		287
	Response <Rspn>	[1..1]	CodeSet		288
	TMSTrigger <TMSTrggr>	[0..1]			288
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		288
	TMSIdentification <TMSId>	[0..1]	Text		288
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		289
	SupplementaryData <SplmtryData>	[0..*]	±	C4	289
	SecurityTrailer <SctyTrlr>	[0..1]	±		289

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		276
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		278
	ExchangeIdentification <XchgId>	[1..1]	Quantity		278
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		278
	CreationDateTime <CreDtTm>	[1..1]	DateTime		278
	InitiatingParty <InitgPty>	[1..1]	±		278
	RecipientParty <RcptPty>	[0..1]	±		279
	Traceability <Tracblt>	[0..*]	±		279

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

5.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

5.4.2 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [1..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following
AcceptorCompletionAdviceResponse14 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	280
	Transaction <Tx>	[1..1]			286
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		287
	TransactionIdentification <TxId>	[1..1]	±		287
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		287
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		287
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		287
	Response <Rspn>	[1..1]	CodeSet		288
	TMSTrigger <TMSTrggr>	[0..1]			288
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		288
	TMSIdentification <TMSId>	[0..1]	Text		288
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		289
	SupplementaryData <SplmtryData>	[0..*]	±	C4	289

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		287
	TransactionIdentification <TxId>	[1..1]	±		287
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		287
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		287
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		287
	Response <Rspn>	[1..1]	CodeSet		288

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

5.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		288
	TMSIdentification <TMSId>	[0..1]	Text		288
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		289

5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

5.4.2.3.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

6 caaa.005.001.15 AcceptorCancellationRequestV15

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 AcceptorCancellationRequestV15 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]			295
	MessageFunction <MsgFctn>	[1..1]	CodeSet		295
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		297
	ExchangeIdentification <XchgId>	[1..1]	Quantity		297
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		297
	CreationDateTime <CreDtTm>	[1..1]	DateTime		297
	InitiatingParty <InitgPty>	[1..1]	±		297
	RecipientParty <RcptPty>	[0..1]	±		297
	Traceability <Tracblt>	[0..*]	±		298
	CancellationRequest <CxlReq>	[1..1]			298
	Environment <Envt>	[1..1]	±	C8	301
	Context <Cntxt>	[1..1]		C9	307
	PaymentContext <PmtCntxt>	[0..1]			310
	CardPresent <CardPres>	[0..1]	Indicator		310
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		310
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		311
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		311
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		311
	TransactionChannel <TxChanl>	[0..1]	CodeSet		311
	BusinessArea <BizArea>	[0..1]	CodeSet		312
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		312
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	312
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		313
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		313
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		314
	SaleContext <SaleCntxt>	[0..1]			314
	SaleIdentification <SaleId>	[0..1]	Text		315
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		315
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		316

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		316
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	316
	ShiftNumber <ShftNb>	[0..1]	Text		316
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		316
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		316
	InvoiceNumber <InvNb>	[0..1]	Text		316
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		317
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			317
	CommonName <CmonNm>	[1..1]	Text		317
	Address <Adr>	[0..1]	Text		317
	CountryCode <CtryCd>	[1..1]	CodeSet		317
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		317
	RegisteredIdentifier <RegIdr>	[1..1]	Text		317
	SplitPayment <SplitPmt>	[0..1]	Indicator		318
	RemainingAmount <RmngAmt>	[0..1]	Amount		318
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		318
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		318
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		318
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		319
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		319
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	319
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		320
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		320
	SystemToNotify <SysToNtfy>	[0..1]	Text		320
	Debtor <Dbtr>	[0..1]	±		321
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	322
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		322
	Creditor <Cdtr>	[0..1]	±		322
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	323
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		324
	DirectDebitContext <DrctDbtCntxt>	[0..1]			324

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		325
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	326
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		327
	Creditor <Cdtr>	[0..1]	±		327
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	328
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		329
	MandateRelatedInformation <MndtRltdInf>	[1..1]			329
	MandateIdentification <MndtId>	[1..1]	Text		330
	DateOfSignature <DtOfSgntr>	[0..1]	Date		330
	MandateImage <MndtImg>	[0..1]	Binary		330
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		330
	Transaction <Tx>	[1..1]			330
	TransactionCapture <TxCaptr>	[0..1]	Indicator		331
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		331
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		332
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		332
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		332
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		332
	TransactionIdentification <TxId>	[1..1]	±		332
	OriginalTransaction <OrgnlTx>	[1..1]	±		332
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		333
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		333
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		333
	TransactionDetails <TxDtls>	[1..1]			334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	TotalAmount <TtlAmt>	[1..1]	Amount		334
	ValidityDate <VldtyDt>	[0..1]	Date		334
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		334
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		335
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		335
	SecurityTrailer <SctyTrlr>	[0..1]	±		335

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		295
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		297
	ExchangeIdentification <XchgId>	[1..1]	Quantity		297
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		297
	CreationDateTime <CreDtTm>	[1..1]	DateTime		297
	InitiatingParty <InitgPty>	[1..1]	±		297
	RecipientParty <RcptPty>	[0..1]	±		297
	Traceability <Tracblt>	[0..*]	±		298

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

6.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

6.4.2 CancellationRequest <CxlReq>

Presence: [1..1]

Definition: Information related to the cancellation request.

CancellationRequest <CxlReq> contains the following **AcceptorCancellationRequest15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	301
	Context <Cntxt>	[1..1]		C9	307
	PaymentContext <PmtCntxt>	[0..1]			310
	CardPresent <CardPres>	[0..1]	Indicator		310
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		310
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		311
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		311
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		311
	TransactionChannel <TxChanl>	[0..1]	CodeSet		311
	BusinessArea <BizArea>	[0..1]	CodeSet		312
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		312
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	312
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		313
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		313
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		314
	SaleContext <SaleCntxt>	[0..1]			314
	SaleIdentification <SaleId>	[0..1]	Text		315
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		315
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		316
	CashierIdentification <CshrId>	[0..1]	Text		316
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	316
	ShiftNumber <ShftNb>	[0..1]	Text		316
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		316
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		316
	InvoiceNumber <InvNb>	[0..1]	Text		316
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		317
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			317
	CommonName <CmonNm>	[1..1]	Text		317
	Address <Adr>	[0..1]	Text		317
	CountryCode <CtryCd>	[1..1]	CodeSet		317
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		317

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		317
	SplitPayment <SplitPmt>	[0..1]	Indicator		318
	RemainingAmount <RmngAmt>	[0..1]	Amount		318
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		318
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		318
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		318
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		319
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		319
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	319
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		320
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		320
	SystemToNotify <SysToNtfy>	[0..1]	Text		320
	Debtor <Dbtr>	[0..1]	±		321
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	322
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		322
	Creditor <Cdtr>	[0..1]	±		322
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	323
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		324
	DirectDebitContext <DrctDbtCntxt>	[0..1]			324
	Debtor <Dbtr>	[0..1]	±		325
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		327
	Creditor <Cdtr>	[0..1]	±		327
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	328
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		329
	MandateRelatedInformation <MndtRltdInf>	[1..1]			329
	MandateIdentification <MndtId>	[1..1]	Text		330
	DateOfSignature <DtOfSgntr>	[0..1]	Date		330
	MandateImage <MndtImg>	[0..1]	Binary		330
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		330
	Transaction <Tx>	[1..1]			330

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		331
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		331
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		332
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		332
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		332
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		332
	TransactionIdentification <TxId>	[1..1]	±		332
	OriginalTransaction <OrgnlTx>	[1..1]	±		332
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		333
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		333
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		333
	TransactionDetails <TxDtls>	[1..1]			334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	TotalAmount <TtlAmt>	[1..1]	Amount		334
	ValidityDate <VldtyDt>	[0..1]	Date		334
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		334
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		335
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		335

6.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			310
	CardPresent <CardPres>	[0..1]	Indicator		310
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		310
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		311
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		311
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		311
	TransactionChannel <TxChanl>	[0..1]	CodeSet		311
	BusinessArea <BizArea>	[0..1]	CodeSet		312
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		312
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	312
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		313
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		313
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		314
	SaleContext <SaleCntxt>	[0..1]			314
	SaleIdentification <SaleId>	[0..1]	Text		315
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		315
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		316
	CashierIdentification <CshrId>	[0..1]	Text		316
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	316
	ShiftNumber <ShftNb>	[0..1]	Text		316
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		316
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		316
	InvoiceNumber <InvcNb>	[0..1]	Text		316
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		317
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			317
	CommonName <CmonNm>	[1..1]	Text		317
	Address <Adr>	[0..1]	Text		317
	CountryCode <CtryCd>	[1..1]	CodeSet		317
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		317
	RegisteredIdentifier <Regldr>	[1..1]	Text		317
	SplitPayment <SpltPmt>	[0..1]	Indicator		318

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		318
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		318
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		318
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		318
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		319
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		319
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	319
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		320
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		320
	SystemToNotify <SysToNtfy>	[0..1]	Text		320
	Debtor <Dbtr>	[0..1]	±		321
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	322
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		322
	Creditor <Cdtr>	[0..1]	±		322
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	323
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		324
	DirectDebitContext <DrctDbtCntxt>	[0..1]			324
	Debtor <Dbtr>	[0..1]	±		325
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		327
	Creditor <Cdtr>	[0..1]	±		327
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	328
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		329
	MandateRelatedInformation <MndtRltdInf>	[1..1]			329
	MandateIdentification <Mndtld>	[1..1]	Text		330
	DateOfSignature <DtOfSgntr>	[0..1]	Date		330
	MandateImage <Mndtlmg>	[0..1]	Binary		330
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		330

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		310
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		310
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		311
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		311
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		311
	TransactionChannel <TxChanl>	[0..1]	CodeSet		311
	BusinessArea <BizArea>	[0..1]	CodeSet		312
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		312
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	312
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		313
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		313
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		314

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		315
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		315
	SaleReconciliationIdentification <SaleRcncld>	[0..1]	Text		316
	CashierIdentification <CshrId>	[0..1]	Text		316
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	316
	ShiftNumber <ShftNb>	[0..1]	Text		316
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		316
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		316
	InvoiceNumber <InvcNb>	[0..1]	Text		316
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		317
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			317
	CommonName <CmonNm>	[1..1]	Text		317
	Address <Adr>	[0..1]	Text		317
	CountryCode <CtryCd>	[1..1]	CodeSet		317
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		317
	RegisteredIdentifier <Regldr>	[1..1]	Text		317
	SplitPayment <Spltpmt>	[0..1]	Indicator		318
	RemainingAmount <RmngAmt>	[0..1]	Amount		318
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		318
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		318
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		318
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		319
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		319

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 2454

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 2454

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 2454

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 2454

6.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

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

6.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2454

6.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		317
	Address <Adr>	[0..1]	Text		317
	CountryCode <CtryCd>	[1..1]	CodeSet		317
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		317
	RegisteredIdentifier <RegIdlr>	[1..1]	Text		317

6.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

6.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

6.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

6.4.2.2.2.11.5 RegisteredIdentifier <RegIdlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		320
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		320
	SystemToNotify <SysToNtfy>	[0..1]	Text		320
	Debtor <Dbtr>	[0..1]	±		321
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	322
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		322
	Creditor <Cdtr>	[0..1]	±		322
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	323
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		324

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <Dgstddata>	[0..1]	±		2360

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]	±		325
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		327
	Creditor <Cdtr>	[0..1]	±		327
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	328
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		329
	MandateRelatedInformation <MndtRltdInf>	[1..1]			329
	MandateIdentification <MndtId>	[1..1]	Text		330
	DateOfSignature <DtOfSgntr>	[0..1]	Date		330
	MandateImage <MndtImg>	[0..1]	Binary		330
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		330

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		330
	DateOfSignature <DtOfSgntr>	[0..1]	Date		330
	MandateImage <MndtImg>	[0..1]	Binary		330
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		330

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 2454

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 2447

6.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

6.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction150** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		331
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		331
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		332
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		332
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		332
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		332
	TransactionIdentification <TxId>	[1..1]	±		332
	OriginalTransaction <OrgnlTx>	[1..1]	±		332
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		333
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		333
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		333
	TransactionDetails <TxDtls>	[1..1]			334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	TotalAmount <TtlAmt>	[1..1]	Amount		334
	ValidityDate <VldtyDt>	[0..1]	Date		334
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		334
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		335
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		335

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 2449](#)):

- *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 2457](#)

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 2449):

- *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 2454

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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

6.4.2.3.8 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2454

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 2452

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 2454

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	334
	TotalAmount <TtlAmt>	[1..1]	Amount		334
	ValidityDate <VldtyDt>	[0..1]	Date		334
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		334
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		335

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

6.4.2.3.12.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2385

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 2449):

- *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 2456

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

7 caaa.006.001.14 AcceptorCancellationResponseV14

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 AcceptorCancellationResponseV14 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]			338
	MessageFunction <MsgFctn>	[1..1]	CodeSet		339
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		340
	ExchangeIdentification <XchgId>	[1..1]	Quantity		341
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		341
	CreationDateTime <CreDtTm>	[1..1]	DateTime		341
	InitiatingParty <InitgPty>	[1..1]	±		341
	RecipientParty <RcptPty>	[0..1]	±		341
	Traceability <Tracblt>	[0..*]	±		342
	CancellationResponse <CxlRspn>	[1..1]			342
	Environment <Envt>	[1..1]	±	C3	344
	Transaction <Tx>	[1..1]			350
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		351
	TransactionIdentification <TxId>	[1..1]	±		351
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		351
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		351
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		352
	InterchangeData <IntrchgData>	[0..1]	Text		352
	TransactionDetails <TxDtls>	[1..1]			352
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	TotalAmount <TtlAmt>	[1..1]	Amount		352
	ValidityDate <VldtyDt>	[0..1]	Date		353
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		353
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		353
	TransactionResponse <TxRspn>	[1..1]			353
	AuthorisationResult <AuthstnRslt>	[1..1]			354
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		355
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			355
	Response <Rspn>	[1..1]	CodeSet		356

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		356
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		356
	AuthorisationCode <AuthstnCd>	[0..1]	Text		356
	TMSTrigger <TMSTrggr>	[0..1]			356
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		356
	TMSIdentification <TMSId>	[0..1]	Text		357
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		357
	Action <Actn>	[0..*]			357
	ActionType <ActnTp>	[1..1]	CodeSet		357
	MessageToPresent <MsgToPres>	[0..1]	±		358
	RemoteAccess <RmotAccs>	[0..1]	±		359
	Retry <Rtry>	[0..1]	±		359
	TimeCondition <TmCond>	[0..1]	±		360
	SecurityTrailer <SctyTrlr>	[0..1]	±		360

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		339
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		340
	ExchangeIdentification <XchgId>	[1..1]	Quantity		341
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		341
	CreationDateTime <CreDtTm>	[1..1]	DateTime		341
	InitiatingParty <InitgPty>	[1..1]	±		341
	RecipientParty <RcptPty>	[0..1]	±		341
	Traceability <Tracblt>	[0..*]	±		342

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

7.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

7.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

7.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

7.4.2 CancellationResponse <CxIRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationResponse14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	344
	Transaction <Tx>	[1..1]			350
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		351
	TransactionIdentification <TxId>	[1..1]	±		351
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		351
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		351
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		352
	InterchangeData <IntrchnngData>	[0..1]	Text		352
	TransactionDetails <TxDtls>	[1..1]			352
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	TotalAmount <TtlAmt>	[1..1]	Amount		352
	ValidityDate <VldtyDt>	[0..1]	Date		353
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		353
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		353
	TransactionResponse <TxRspn>	[1..1]			353
	AuthorisationResult <AuthstnRslt>	[1..1]			354
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		355
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			355
	Response <Rspn>	[1..1]	CodeSet		356
	ResponseReason <RspnRsn>	[0..1]	Text		356
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		356
	AuthorisationCode <AuthstnCd>	[0..1]	Text		356
	TMSTrigger <TMSTrggr>	[0..1]			356
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		356
	TMSIdentification <TMSId>	[0..1]	Text		357
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		357
	Action <Actn>	[0..*]			357
	ActionType <ActnTp>	[1..1]	CodeSet		357
	MessageToPresent <MsgToPres>	[0..1]	±		358
	RemoteAccess <RmotAccs>	[0..1]	±		359

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		359
	TimeCondition <TmCond>	[0..1]	±		360

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 "CardPaymentEnvironment82" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrhdldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		351
	TransactionIdentification <TxId>	[1..1]	±		351
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		351
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		351
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		352
	InterchangeData <IntrchgData>	[0..1]	Text		352
	TransactionDetails <TxDtIs>	[1..1]			352
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	TotalAmount <TtlAmt>	[1..1]	Amount		352
	ValidityDate <VldtyDt>	[0..1]	Date		353
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		353
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		353

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

7.4.2.2.6 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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	352
	TotalAmount <TtlAmt>	[1..1]	Amount		352
	ValidityDate <VldtyDt>	[0..1]	Date		353
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		353
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		353

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2385

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 2449):

- *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 **CardPaymentTransaction153** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			354
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		355
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			355
	Response <Rspn>	[1..1]	CodeSet		356
	ResponseReason <RspnRsn>	[0..1]	Text		356
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		356
	AuthorisationCode <AuthstnCd>	[0..1]	Text		356
	TMSTrigger <TMSTrggr>	[0..1]			356
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		356
	TMSIdentification <TMSId>	[0..1]	Text		357
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		357
	Action <Actn>	[0..*]			357
	ActionType <ActnTp>	[1..1]	CodeSet		357
	MessageToPresent <MsgToPres>	[0..1]	±		358
	RemoteAccess <RmotAccs>	[0..1]	±		359
	Retry <Rtry>	[0..1]	±		359
	TimeCondition <TmCond>	[0..1]	±		360

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]	±		355
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			355
	Response <Rspn>	[1..1]	CodeSet		356
	ResponseReason <RspnRsn>	[0..1]	Text		356
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		356
	AuthorisationCode <AuthstnCd>	[0..1]	Text		356
	TMSTrigger <TMSTrggr>	[0..1]			356
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		356
	TMSIdentification <TMSId>	[0..1]	Text		357
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		357

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		356
	ResponseReason <RspnRsn>	[0..1]	Text		356
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		356

7.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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		356
	TMSIdentification <TMSId>	[0..1]	Text		357
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		357

7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		357
	MessageToPresent <MsgToPres>	[0..1]	±		358
	RemoteAccess <RmotAccs>	[0..1]	±		359
	Retry <Rtry>	[0..1]	±		359
	TimeCondition <TmCond>	[0..1]	±		360

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 2387

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

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 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

8 caaa.007.001.15 AcceptorCancellationAdviceV15

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 AcceptorCancellationAdviceV15 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]			366
	MessageFunction <MsgFctn>	[1..1]	CodeSet		367
	ProtocolVersion <PrtolVrsn>	[1..1]	Text		368
	ExchangeIdentification <XchgId>	[1..1]	Quantity		369
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		369
	CreationDateTime <CreDtTm>	[1..1]	DateTime		369
	InitiatingParty <InitgPty>	[1..1]	±		369
	RecipientParty <RcptPty>	[0..1]	±		369
	Traceability <Tracblt>	[0..*]	±		370
	CancellationAdvice <CxlAdv>	[1..1]			370
	Environment <Envt>	[1..1]	±	C8	374
	Context <Cntxt>	[0..1]		C9	380
	PaymentContext <PmtCntxt>	[0..1]			383
	CardPresent <CardPres>	[0..1]	Indicator		383
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		383
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		384
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		384
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		384
	TransactionChannel <TxChanl>	[0..1]	CodeSet		384
	BusinessArea <BizArea>	[0..1]	CodeSet		385
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		385
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	385
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		386
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		386
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		387
	SaleContext <SaleCntxt>	[0..1]			387
	SaleIdentification <SaleId>	[0..1]	Text		388
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		388
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		389

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		389
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	389
	ShiftNumber <ShftNb>	[0..1]	Text		389
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		389
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		389
	InvoiceNumber <InvcNb>	[0..1]	Text		389
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		390
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			390
	CommonName <CmonNm>	[1..1]	Text		390
	Address <Adr>	[0..1]	Text		390
	CountryCode <CtryCd>	[1..1]	CodeSet		390
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		390
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		390
	SplitPayment <SpltPmt>	[0..1]	Indicator		391
	RemainingAmount <RmngAmt>	[0..1]	Amount		391
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		391
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		391
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		391
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		392
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		392
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	392
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		393
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		393
	SystemToNotify <SysToNtfy>	[0..1]	Text		393
	Debtor <Dbtr>	[0..1]	±		394
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	395
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		395
	Creditor <Cdtr>	[0..1]	±		395
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	396
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		397
	DirectDebitContext <DrctDbtCntxt>	[0..1]			397

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		398
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	399
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		400
	Creditor <Cdtr>	[0..1]	±		400
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	401
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		402
	MandateRelatedInformation <MndtRltdInf>	[1..1]			402
	MandateIdentification <MndtId>	[1..1]	Text		403
	DateOfSignature <DtOfSgntr>	[0..1]	Date		403
	MandateImage <MndtImg>	[0..1]	Binary		403
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		403
	Transaction <Tx>	[1..1]			403
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		405
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		405
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		405
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		405
	TransactionIdentification <TxId>	[1..1]	±		406
	OriginalTransaction <OrgnlTx>	[0..1]	±		406
	TransactionSuccess <TxSucss>	[1..1]	Indicator		407
	Reversal <Rvsl>	[0..1]	Indicator		407
	FailureReason <FailRsn>	[0..*]	CodeSet		408
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		408
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		409
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		409
	InterchangeData <IntrchgData>	[0..1]	Text		409
	TransactionDetails <TxDtls>	[1..1]			409
	Currency <Ccy>	[0..1]	CodeSet	C1	409
	TotalAmount <TtlAmt>	[1..1]	Amount		410
	ValidityDate <VldtyDt>	[0..1]	Date		410
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		410

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		410
	AuthorisationResult <AuthstnRslt>	[0..1]			410
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		411
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			411
	Response <Rspn>	[1..1]	CodeSet		412
	ResponseReason <RspnRsn>	[0..1]	Text		412
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		412
	AuthorisationCode <AuthstnCd>	[0..1]	Text		412
	TMSTrigger <TMSTrggr>	[0..1]			412
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		412
	TMSIdentification <TMSId>	[0..1]	Text		413
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		413
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		413
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			413
	ActionType <ActnTp>	[1..1]	CodeSet		413
	MessageToPresent <MsgToPres>	[0..1]	±		415
	RemoteAccess <RmotAccs>	[0..1]	±		415
	Retry <Rtry>	[0..1]	±		416
	TimeCondition <TmCond>	[0..1]	±		416
	SecurityTrailer <SctyTrlr>	[0..1]	±		416

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		367
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		368
	ExchangeIdentification <XchgId>	[1..1]	Quantity		369
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		369
	CreationDateTime <CreDtTm>	[1..1]	DateTime		369
	InitiatingParty <InitgPty>	[1..1]	±		369
	RecipientParty <RcptPty>	[0..1]	±		369
	Traceability <Tracblt>	[0..*]	±		370

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

8.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

8.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

8.4.2 CancellationAdvice <CxlAdv>

Presence: [1..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	374
	Context <Cntxt>	[0..1]		C9	380
	PaymentContext <PmtCntxt>	[0..1]			383
	CardPresent <CardPres>	[0..1]	Indicator		383
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		383
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		384
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		384
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		384
	TransactionChannel <TxChanl>	[0..1]	CodeSet		384
	BusinessArea <BizArea>	[0..1]	CodeSet		385
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		385
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	385
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		386
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		386
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		387
	SaleContext <SaleCntxt>	[0..1]			387
	SaleIdentification <SaleId>	[0..1]	Text		388
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		388
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		389
	CashierIdentification <CshrId>	[0..1]	Text		389
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	389
	ShiftNumber <ShftNb>	[0..1]	Text		389
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		389
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		389
	InvoiceNumber <InvNb>	[0..1]	Text		389
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		390
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			390
	CommonName <CmonNm>	[1..1]	Text		390
	Address <Adr>	[0..1]	Text		390
	CountryCode <CtryCd>	[1..1]	CodeSet		390
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		390
	SplitPayment <SpltPmt>	[0..1]	Indicator		391
	RemainingAmount <RmngAmt>	[0..1]	Amount		391
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		391
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		391
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		391
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		392
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		392
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	392
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		393
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		393
	SystemToNotify <SysToNtfy>	[0..1]	Text		393
	Debtor <Dbtr>	[0..1]	±		394
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	395
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		395
	Creditor <Cdtr>	[0..1]	±		395
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	396
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		397
	DirectDebitContext <DrctDbtCntxt>	[0..1]			397
	Debtor <Dbtr>	[0..1]	±		398
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	399
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		400
	Creditor <Cdtr>	[0..1]	±		400
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	401
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		402
	MandateRelatedInformation <MndtRltdInf>	[1..1]			402
	MandateIdentification <MndtId>	[1..1]	Text		403
	DateOfSignature <DtOfSgntr>	[0..1]	Date		403
	MandateImage <MndtImg>	[0..1]	Binary		403
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		403
	Transaction <Tx>	[1..1]			403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		405
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		405
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		405
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		405
	TransactionIdentification <TxId>	[1..1]	±		406
	OriginalTransaction <OrgnlTx>	[0..1]	±		406
	TransactionSuccess <TxSucss>	[1..1]	Indicator		407
	Reversal <Rvsl>	[0..1]	Indicator		407
	FailureReason <FailrRsn>	[0..*]	CodeSet		408
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		408
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		409
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		409
	InterchangeData <IntrchnngData>	[0..1]	Text		409
	TransactionDetails <TxDtls>	[1..1]			409
	Currency <Ccy>	[0..1]	CodeSet	C1	409
	TotalAmount <TtlAmt>	[1..1]	Amount		410
	ValidityDate <VldtyDt>	[0..1]	Date		410
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		410
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		410
	AuthorisationResult <AuthstnRslt>	[0..1]			410
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		411
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			411
	Response <Rspn>	[1..1]	CodeSet		412
	ResponseReason <RspnRsn>	[0..1]	Text		412
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		412
	AuthorisationCode <AuthstnCd>	[0..1]	Text		412
	TMSTrigger <TMSTrggr>	[0..1]			412
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		412
	TMSIdentification <TMSId>	[0..1]	Text		413
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		413
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			413
	ActionType <ActnTp>	[1..1]	CodeSet		413
	MessageToPresent <MsgToPres>	[0..1]	±		415
	RemoteAccess <RmotAccs>	[0..1]	±		415
	Retry <Rtry>	[0..1]	±		416
	TimeCondition <TmCond>	[0..1]	±		416

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			383
	CardPresent <CardPres>	[0..1]	Indicator		383
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		383
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		384
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		384
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		384
	TransactionChannel <TxChanl>	[0..1]	CodeSet		384
	BusinessArea <BizArea>	[0..1]	CodeSet		385
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		385
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	385
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		386
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		386
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		387
	SaleContext <SaleCntxt>	[0..1]			387
	SaleIdentification <SaleId>	[0..1]	Text		388
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		388
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		389
	CashierIdentification <CshrId>	[0..1]	Text		389
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	389
	ShiftNumber <ShftNb>	[0..1]	Text		389
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		389
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		389
	InvoiceNumber <InvNb>	[0..1]	Text		389
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		390
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			390
	CommonName <CmonNm>	[1..1]	Text		390
	Address <Adr>	[0..1]	Text		390
	CountryCode <CtryCd>	[1..1]	CodeSet		390
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		390
	RegisteredIdentifier <Regldr>	[1..1]	Text		390
	SplitPayment <SpltPmt>	[0..1]	Indicator		391

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		391
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		391
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		391
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		391
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		392
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		392
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	392
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		393
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		393
	SystemToNotify <SysToNtfy>	[0..1]	Text		393
	Debtor <Dbtr>	[0..1]	±		394
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	395
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		395
	Creditor <Cdtr>	[0..1]	±		395
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	396
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		397
	DirectDebitContext <DrctDbtCntxt>	[0..1]			397
	Debtor <Dbtr>	[0..1]	±		398
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	399
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		400
	Creditor <Cdtr>	[0..1]	±		400
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	401
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		402
	MandateRelatedInformation <MndtRltdInf>	[1..1]			402
	MandateIdentification <Mndtld>	[1..1]	Text		403
	DateOfSignature <DtOfSgntr>	[0..1]	Date		403
	MandateImage <Mndtlmg>	[0..1]	Binary		403
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		403

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		383
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		383
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		384
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		384
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		384
	TransactionChannel <TxChanl>	[0..1]	CodeSet		384
	BusinessArea <BizArea>	[0..1]	CodeSet		385
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		385
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	385
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		386
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		386
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		387

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		388
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		388
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		389
	CashierIdentification <CshrId>	[0..1]	Text		389
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	389
	ShiftNumber <ShftNb>	[0..1]	Text		389
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		389
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		389
	InvoiceNumber <InvcNb>	[0..1]	Text		389
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		390
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			390
	CommonName <CmonNm>	[1..1]	Text		390
	Address <Adr>	[0..1]	Text		390
	CountryCode <CtryCd>	[1..1]	CodeSet		390
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		390
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		390
	SplitPayment <SpltPmt>	[0..1]	Indicator		391
	RemainingAmount <RmngAmt>	[0..1]	Amount		391
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		391
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		391
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		391
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		392
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		392

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 2454

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 2454

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 2454

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 2454

8.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

8.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		390
	Address <Adr>	[0..1]	Text		390
	CountryCode <CtryCd>	[1..1]	CodeSet		390
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		390
	RegisteredIdentifier <Regldr>	[1..1]	Text		390

8.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

8.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

8.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		393
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		393
	SystemToNotify <SysToNtfy>	[0..1]	Text		393
	Debtor <Dbtr>	[0..1]	±		394
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	395
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		395
	Creditor <Cdtr>	[0..1]	±		395
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	396
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		397

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <Dgstddata>	[0..1]	±		2360

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]	±		398
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	399
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		400
	Creditor <Cdtr>	[0..1]	±		400
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	401
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		402
	MandateRelatedInformation <MndtRltdInf>	[1..1]			402
	MandateIdentification <MndtId>	[1..1]	Text		403
	DateOfSignature <DtOfSgntr>	[0..1]	Date		403
	MandateImage <MndtImg>	[0..1]	Binary		403
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		403

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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		403
	DateOfSignature <DtOfSgntr>	[0..1]	Date		403
	MandateImage <MndtImg>	[0..1]	Binary		403
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		403

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 2454

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 2447

8.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

8.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction151** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		405
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		405
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		405
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		405
	TransactionIdentification <TxId>	[1..1]	±		406
	OriginalTransaction <OrgnlTx>	[0..1]	±		406
	TransactionSuccess <TxSucss>	[1..1]	Indicator		407
	Reversal <Rvs/>	[0..1]	Indicator		407
	FailureReason <FailrRsn>	[0..*]	CodeSet		408
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		408
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		409
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		409
	InterchangeData <IntrchnngData>	[0..1]	Text		409
	TransactionDetails <TxDtls>	[1..1]			409
	Currency <Ccy>	[0..1]	CodeSet	C1	409
	TotalAmount <TtlAmt>	[1..1]	Amount		410
	ValidityDate <VldtyDt>	[0..1]	Date		410
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		410
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		410
	AuthorisationResult <AuthstnRslt>	[0..1]			410
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		411
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			411
	Response <Rspn>	[1..1]	CodeSet		412
	ResponseReason <RspnRsn>	[0..1]	Text		412
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		412
	AuthorisationCode <AuthstnCd>	[0..1]	Text		412
	TMSTrigger <TMSTrggr>	[0..1]			412
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		412
	TMSIdentification <TMSId>	[0..1]	Text		413
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		413
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			413
	ActionType <ActnTp>	[1..1]	CodeSet		413
	MessageToPresent <MsgToPres>	[0..1]	±		415
	RemoteAccess <RmotAccs>	[0..1]	±		415
	Retry <Rtry>	[0..1]	±		416
	TimeCondition <TmCond>	[0..1]	±		416

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 2457

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 2449):

- *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 2454

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 2454

8.4.2.3.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

8.4.2.3.6 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

8.4.2.3.7 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2449):

- *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 2449):

- *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 2416

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 2454

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 2452

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 2454

8.4.2.3.14 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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	409
	TotalAmount <TtlAmt>	[1..1]	Amount		410
	ValidityDate <VldtyDt>	[0..1]	Date		410
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		410
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		410

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 2388

Constraints

- ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2385

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 2449):

- *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]	±		411
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			411
	Response <Rspn>	[1..1]	CodeSet		412
	ResponseReason <RspnRsn>	[0..1]	Text		412
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		412
	AuthorisationCode <AuthstnCd>	[0..1]	Text		412
	TMSTrigger <TMSTrggr>	[0..1]			412
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		412
	TMSIdentification <TMSId>	[0..1]	Text		413
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		413

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		412
	ResponseReason <RspnRsn>	[0..1]	Text		412
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		412

8.4.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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		412
	TMSIdentification <TMSId>	[0..1]	Text		413
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		413

8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

8.4.2.3.18 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		413
	MessageToPresent <MsgToPres>	[0..1]	±		415
	RemoteAccess <RmotAccs>	[0..1]	±		415
	Retry <Rtry>	[0..1]	±		416
	TimeCondition <TmCond>	[0..1]	±		416

8.4.2.3.18.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

8.4.2.3.18.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

8.4.2.3.18.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

8.4.2.3.18.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

8.4.2.3.18.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

9 **caaa.008.001.14** **AcceptorCancellationAdviceResponseV14**

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 AcceptorCancellationAdviceResponseV14 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]			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
	CancellationAdviceResponse <CxlAdvcrspn>	[1..1]			423
	Environment <Envt>	[1..1]	±	C3	423
	Transaction <Tx>	[1..1]			429
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		430
	TransactionIdentification <TxId>	[1..1]	±		430
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		430
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		430
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		430
	Response <Rspn>	[1..1]	CodeSet		431
	TMSTrigger <TMSTrggr>	[0..1]			431
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		431
	TMSIdentification <TMSId>	[0..1]	Text		431
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		432
	SecurityTrailer <SctyTrlr>	[0..1]	±		432

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		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

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

9.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

9.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

9.4.2 CancellationAdviceResponse <CxlAdvcrspn>

Presence: [1..1]

Definition: Information related to the cancellation advice response.

CancellationAdviceResponse <CxlAdvcrspn> contains the following
AcceptorCancellationAdviceResponse14 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	423
	Transaction <Tx>	[1..1]			429
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		430
	TransactionIdentification <TxId>	[1..1]	±		430
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		430
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		430
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		430
	Response <Rspn>	[1..1]	CodeSet		431
	TMSTrigger <TMSTrggr>	[0..1]			431
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		431
	TMSIdentification <TMSId>	[0..1]	Text		431
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		432

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		430
	TransactionIdentification <TxId>	[1..1]	±		430
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		430
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		430
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		430
	Response <Rspn>	[1..1]	CodeSet		431

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

9.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		431
	TMSIdentification <TMSId>	[0..1]	Text		431
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		432

9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

10 caaa.009.001.14

AcceptorReconciliationRequestV14

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 AcceptorReconciliationRequestV14 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]			435
	MessageFunction <MsgFctn>	[1..1]	CodeSet		435
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		437
	ExchangeIdentification <XchgId>	[1..1]	Quantity		437
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		437
	CreationDateTime <CreDtTm>	[1..1]	DateTime		437
	InitiatingParty <InitgPty>	[1..1]	±		437
	RecipientParty <RcptPty>	[0..1]	±		438
	Traceability <Tracblt>	[0..*]	±		438
	ReconciliationRequest <RcncltnReq>	[1..1]			439
	Environment <Envnt>	[1..1]	±	C3	439
	Transaction <Tx>	[1..1]			445
	ClosePeriod <ClsPrd>	[0..1]	Indicator		446
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		446
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		446
	TransactionTotals <TxTtls>	[0..*]			447
	POIGroupIdentification <POIGrpId>	[0..1]	Text		447
	CardBrand <CardBrnd>	[0..1]	Text		447
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		447
	Currency <Ccy>	[0..1]	CodeSet	C1	447
	Type <Tp>	[1..1]	CodeSet		448
	TotalNumber <TtlNb>	[1..1]	Quantity		448
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		448
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		448
	SecurityTrailer <SctyTrlr>	[0..1]	±		448

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		435
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		437
	ExchangeIdentification <XchgId>	[1..1]	Quantity		437
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		437
	CreationDateTime <CreDtTm>	[1..1]	DateTime		437
	InitiatingParty <InitgPty>	[1..1]	±		437
	RecipientParty <RcptPty>	[0..1]	±		438
	Traceability <Tracblt>	[0..*]	±		438

10.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

10.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

10.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

10.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> contains the following **AcceptorReconciliationRequest14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	439
	Transaction <Tx>	[1..1]			445
	ClosePeriod <ClsPrd>	[0..1]	Indicator		446
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		446
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		446
	TransactionTotals <TxTtls>	[0..*]			447
	POIGroupIdentification <POIGrpld>	[0..1]	Text		447
	CardBrand <CardBrnd>	[0..1]	Text		447
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		447
	Currency <Ccy>	[0..1]	CodeSet	C1	447
	Type <Tp>	[1..1]	CodeSet		448
	TotalNumber <TtlNb>	[1..1]	Quantity		448
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		448
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		448

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		446
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		446
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		446
	TransactionTotals <TxTtls>	[0..*]			447
	POIGroupIdentification <POIGrpld>	[0..1]	Text		447
	CardBrand <CardBrnd>	[0..1]	Text		447
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		447
	Currency <Ccy>	[0..1]	CodeSet	C1	447
	Type <Tp>	[1..1]	CodeSet		448
	TotalNumber <TtlNb>	[1..1]	Quantity		448
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		448
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		448

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 2449):

- *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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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		447
	CardBrand <CardBrnd>	[0..1]	Text		447
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		447
	Currency <Ccy>	[0..1]	CodeSet	C1	447
	Type <Tp>	[1..1]	CodeSet		448
	TotalNumber <TtlNb>	[1..1]	Quantity		448
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		448

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 2454

10.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 2456

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

11 caaa.010.001.13 AcceptorReconciliationResponseV13

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 AcceptorReconciliationResponseV13 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]			452
	MessageFunction <MsgFctn>	[1..1]	CodeSet		452
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		454
	ExchangeIdentification <XchgId>	[1..1]	Quantity		454
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		454
	CreationDateTime <CreDtTm>	[1..1]	DateTime		454
	InitiatingParty <InitgPty>	[1..1]	±		454
	RecipientParty <RcptPty>	[0..1]	±		455
	Traceability <Tracblt>	[0..*]	±		455
	ReconciliationResponse <RcncltnRspn>	[1..1]			456
	Environment <Envt>	[1..1]	±	C3	457
	TransactionResponse <TxRspn>	[1..1]			463
	Response <Rspn>	[1..1]	CodeSet		464
	ResponseReason <RspnRsn>	[0..1]	Text		464
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		464
	Transaction <Tx>	[1..1]			464
	ClosePeriod <ClsPrd>	[0..1]	Indicator		465
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		465
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		465
	TransactionTotals <TxTtls>	[0..*]			466
	POIGroupIdentification <POIGrpld>	[0..1]	Text		466
	CardBrand <CardBrnd>	[0..1]	Text		466
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		466
	Currency <Ccy>	[0..1]	CodeSet	C1	466
	Type <Tp>	[1..1]	CodeSet		467
	TotalNumber <TtlNb>	[1..1]	Quantity		467
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		467
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		467
	SecurityTrailer <SctyTrlr>	[0..1]	±		467

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		452
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		454
	ExchangeIdentification <XchgId>	[1..1]	Quantity		454
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		454
	CreationDateTime <CreDtTm>	[1..1]	DateTime		454
	InitiatingParty <InitgPty>	[1..1]	±		454
	RecipientParty <RcptPty>	[0..1]	±		455
	Traceability <Tracblt>	[0..*]	±		455

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

11.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

11.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

11.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

ReconciliationResponse <RcncltnRspn> contains the following
AcceptorReconciliationResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C3	457
	TransactionResponse <TxRspn>	[1..1]			463
	Response <Rspn>	[1..1]	CodeSet		464
	ResponseReason <RspnRsn>	[0..1]	Text		464
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		464
	Transaction <Tx>	[1..1]			464
	ClosePeriod <ClsPrd>	[0..1]	Indicator		465
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		465
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		465
	TransactionTotals <TxTtls>	[0..*]			466
	POIGroupIdentification <POIGrpld>	[0..1]	Text		466
	CardBrand <CardBrnd>	[0..1]	Text		466
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		466
	Currency <Ccy>	[0..1]	CodeSet	C1	466
	Type <Tp>	[1..1]	CodeSet		467
	TotalNumber <TtlNb>	[1..1]	Quantity		467
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		467
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		467

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		464
	ResponseReason <RspnRsn>	[0..1]	Text		464
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		464

11.4.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

11.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Reconciliation transaction between an acceptor an acquirer.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		465
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		465
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		465
	TransactionTotals <TxTtls>	[0..*]			466
	POIGroupIdentification <POIGrpld>	[0..1]	Text		466
	CardBrand <CardBrnd>	[0..1]	Text		466
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		466
	Currency <Ccy>	[0..1]	CodeSet	C1	466
	Type <Tp>	[1..1]	CodeSet		467
	TotalNumber <TtlNb>	[1..1]	Quantity		467
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		467
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		467

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 2449):

- *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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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		466
	CardBrand <CardBrnd>	[0..1]	Text		466
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		466
	Currency <Ccy>	[0..1]	CodeSet	C1	466
	Type <Tp>	[1..1]	CodeSet		467
	TotalNumber <TtlNb>	[1..1]	Quantity		467
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		467

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 2454

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

11.4.2.3.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 2456

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

12 caaa.011.001.15 AcceptorBatchTransferV15

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 AcceptorBatchTransferV15 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]			474
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		475
	FormatVersion <FrmtVrsn>	[1..1]	Text		475
	ExchangeIdentification <XchgId>	[1..1]	Quantity		475
	CreationDateTime <CreDtTm>	[1..1]	DateTime		475
	InitiatingParty <InitgPty>	[1..1]	±		475
	RecipientParty <RcptPty>	[0..1]	±		476
	BatchTransfer <BtchTrf>	[1..1]			476
	TransactionTotals <TxTtls>	[0..*]			480
	POIGroupIdentification <POIGrpId>	[0..1]	Text		480
	CardBrand <CardBrnd>	[0..1]	Text		480
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		481
	Currency <Ccy>	[0..1]	CodeSet	C1	481
	Type <Tp>	[1..1]	CodeSet		481
	TotalNumber <TtlNb>	[1..1]	Quantity		481
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		481
	DataSet <DataSet>	[0..*]			482
	DataSetIdentification <DataSetId>	[1..1]			486
	Name <Nm>	[1..1]	Text		486
	Type <Tp>	[1..1]	CodeSet		486
	Version <Vrsn>	[0..1]	Text		487
	CreationDateTime <CreDtTm>	[1..1]	DateTime		487
	Traceability <Tracblt>	[0..*]	±		487
	DataSetInitiator <DataSetInitr>	[0..1]	±		487
	TransactionTotals <TxTtls>	[1..*]			488
	POIGroupIdentification <POIGrpId>	[0..1]	Text		488
	CardBrand <CardBrnd>	[0..1]	Text		488
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		488
	Currency <Ccy>	[0..1]	CodeSet	C1	489

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		489
	TotalNumber <TtlNb>	[1..1]	Quantity		489
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		489
	CommonData <CmonData>	[0..1]			489
	Environment <Envt>	[0..1]	±	C9	492
	Context <Cntxt>	[0..1]		C10	498
	PaymentContext <PmtCntxt>	[0..1]			501
	CardPresent <CardPres>	[0..1]	Indicator		501
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AttnDntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AttnDntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		505
	SaleContext <SaleCntxt>	[0..1]			505
	SaleIdentification <SaleId>	[0..1]	Text		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		507
	CashierIdentification <CshrlId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		507
	InvoiceNumber <InvNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <RegldId>	[1..1]	Text		508
	SplitPayment <SplitPmt>	[0..1]	Indicator		509
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	510
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		513
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		515
	DirectDebitContext <DrctDbtCntxt>	[0..1]			515
	Debtor <Dbtr>	[0..1]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <MndtId>	[1..1]	Text		521

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	Mandatelmage <Mndtlmg>	[0..1]	Binary		521
	ProtectedMandatelmage <PrtctdMndtlmg>	[0..1]	±		521
	TransactionType <TxTp>	[0..1]	CodeSet		521
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		522
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		523
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		523
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		523
	Currency <Ccy>	[0..1]	CodeSet	C1	524
	Transaction <Tx>	[1..*]			524
{Or	Completion <Cmpltn>	[1..1]	±		524
Or	Cancellation <Cxl>	[1..1]	±		531
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		535
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		542
Or	TokenRequest <TknReq>	[1..1]			547
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		547
	Environment <Envnt>	[1..1]	±	C9	548
Or}	TokenResponse <TknRspn>	[1..1]			554
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		555
	Environment <Envnt>	[1..1]	±	C9	555
	SecurityTrailer <SctyTrlr>	[0..1]	±		561

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		475
	FormatVersion <FrmtVrsn>	[1..1]	Text		475
	Exchangeldentification <Xchgld>	[1..1]	Quantity		475
	CreationDateTime <CreDtTm>	[1..1]	DateTime		475
	InitiatingParty <InitgPty>	[1..1]	±		475
	RecipientParty <RcptPty>	[0..1]	±		476

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 2449](#)):

- *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 2456](#)

12.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number" on page 2449](#)

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 2447](#)

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 **CardPaymentBatchTransfer14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			480
	POIGroupIdentification <POIGrpId>	[0..1]	Text		480
	CardBrand <CardBrnd>	[0..1]	Text		480
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		481
	Currency <Ccy>	[0..1]	CodeSet	C1	481
	Type <Tp>	[1..1]	CodeSet		481
	TotalNumber <TtlNb>	[1..1]	Quantity		481
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		481
	DataSet <DataSet>	[0..*]			482
	DataSetIdentification <DataSetId>	[1..1]			486
	Name <Nm>	[1..1]	Text		486
	Type <Tp>	[1..1]	CodeSet		486
	Version <Vrsn>	[0..1]	Text		487
	CreationDateTime <CreDtTm>	[1..1]	DateTime		487
	Traceability <Tracblt>	[0..*]	±		487
	DataSetInitiator <DataSetInitr>	[0..1]	±		487
	TransactionTotals <TxTtls>	[1..*]			488
	POIGroupIdentification <POIGrpId>	[0..1]	Text		488
	CardBrand <CardBrnd>	[0..1]	Text		488
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		488
	Currency <Ccy>	[0..1]	CodeSet	C1	489
	Type <Tp>	[1..1]	CodeSet		489
	TotalNumber <TtlNb>	[1..1]	Quantity		489
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		489
	CommonData <CmonData>	[0..1]			489
	Environment <Envt>	[0..1]	±	C9	492
	Context <Cntxt>	[0..1]		C10	498
	PaymentContext <PmtCntxt>	[0..1]			501
	CardPresent <CardPres>	[0..1]	Indicator		501
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		505
	SaleContext <SaleCntxt>	[0..1]			505
	SaleIdentification <SaleId>	[0..1]	Text		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		507
	CashierIdentification <CshrlId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		507
	InvoiceNumber <InvNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <Regdldr>	[1..1]	Text		508
	SplitPayment <Spltpmt>	[0..1]	Indicator		509
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	510
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		513
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		515
	DirectDebitContext <DrctDbtCntxt>	[0..1]			515
	Debtor <Dbtr>	[0..1]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <MndtId>	[1..1]	Text		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <MndtImg>	[0..1]	Binary		521
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		521
	TransactionType <TxTp>	[0..1]	CodeSet		521
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		522
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		523
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		523
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		523
	Currency <Ccy>	[0..1]	CodeSet	C1	524
	Transaction <Tx>	[1..*]			524

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		524
Or	Cancellation <Cxl>	[1..1]	±		531
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		535
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		542
Or	TokenRequest <TknReq>	[1..1]			547
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		547
	Environment <Env<	[1..1]	±	C9	548
Or}	TokenResponse <TknRspn>	[1..1]			554
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		555
	Environment <Env<	[1..1]	±	C9	555

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		480
	CardBrand <CardBrnd>	[0..1]	Text		480
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		481
	Currency <Ccy>	[0..1]	CodeSet	C1	481
	Type <Tp>	[1..1]	CodeSet		481
	TotalNumber <TtlNb>	[1..1]	Quantity		481
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		481

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 2454

12.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

12.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet43** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			486
	Name <Nm>	[1..1]	Text		486
	Type <Tp>	[1..1]	CodeSet		486
	Version <Vrsn>	[0..1]	Text		487
	CreationDateTime <CreDtTm>	[1..1]	DateTime		487
	Traceability <Tracblt>	[0..*]	±		487
	DataSetInitiator <DataSetInitr>	[0..1]	±		487
	TransactionTotals <TxTtls>	[1..*]			488
	POIGroupIdentification <POIGrpld>	[0..1]	Text		488
	CardBrand <CardBrnd>	[0..1]	Text		488
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		488
	Currency <Ccy>	[0..1]	CodeSet	C1	489
	Type <Tp>	[1..1]	CodeSet		489
	TotalNumber <TtlNb>	[1..1]	Quantity		489
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		489
	CommonData <CmonData>	[0..1]			489
	Environment <Envvt>	[0..1]	±	C9	492
	Context <Cntxt>	[0..1]		C10	498
	PaymentContext <PmtCntxt>	[0..1]			501
	CardPresent <CardPres>	[0..1]	Indicator		501
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnvvt>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleContext <SaleCntxt>	[0..1]			505
	SaleIdentification <SaleId>	[0..1]	Text		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		507
	CashierIdentification <CshrlId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		507
	InvoiceNumber <InvcNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		508
	SplitPayment <Spltpmt>	[0..1]	Indicator		509
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	510
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		515
	DirectDebitContext <DrctDbtCntxt>	[0..1]			515
	Debtor <Dbtr>	[0..1]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <MndtId>	[1..1]	Text		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <MndtImg>	[0..1]	Binary		521
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		521
	TransactionType <TxTp>	[0..1]	CodeSet		521
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		522
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		523
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		523
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		523
	Currency <Ccy>	[0..1]	CodeSet	C1	524
	Transaction <Tx>	[1..*]			524
{Or	Completion <Cmpltn>	[1..1]	±		524
Or	Cancellation <Cxl>	[1..1]	±		531
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		535
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		542
Or	TokenRequest <TknReq>	[1..1]			547
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		547
	Environment <Envt>	[1..1]	±	C9	548
Or}	TokenResponse <TknRspn>	[1..1]			554
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		555

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	555

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		486
	Type <Tp>	[1..1]	CodeSet		486
	Version <Vrsn>	[0..1]	Text		487
	CreationDateTime <CreDtTm>	[1..1]	DateTime		487

12.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2453

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2412

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 2453

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 2447

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

12.4.2.2.3 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetIntr> contains the following elements (see "[GenericIdentification176](#)" on page 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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		488
	CardBrand <CardBrnd>	[0..1]	Text		488
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		488
	Currency <Ccy>	[0..1]	CodeSet	C1	489
	Type <Tp>	[1..1]	CodeSet		489
	TotalNumber <TtlNb>	[1..1]	Quantity		489
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		489

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 2454

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

12.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 **CommonData15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C9	492
	Context <Cntxt>	[0..1]		C10	498
	PaymentContext <PmtCntxt>	[0..1]			501
	CardPresent <CardPres>	[0..1]	Indicator		501
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		505
	SaleContext <SaleCntxt>	[0..1]			505
	SaleIdentification <SaleId>	[0..1]	Text		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		507
	CashierIdentification <CshrId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		507
	InvoiceNumber <InvNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		508
	SplitPayment <SpltPmt>	[0..1]	Indicator		509
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	510
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		513
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		515
	DirectDebitContext <DrctDbtCntxt>	[0..1]			515
	Debtor <Dbtr>	[0..1]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <MndtId>	[1..1]	Text		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <MndtImg>	[0..1]	Binary		521
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		521
	TransactionType <TxTp>	[0..1]	CodeSet		521

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		522
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		523
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		523
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		523
	Currency <Ccy>	[0..1]	CodeSet	C1	524

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			501
	CardPresent <CardPres>	[0..1]	Indicator		501
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		505
	SaleContext <SaleCntxt>	[0..1]			505
	SaleIdentification <SaleId>	[0..1]	Text		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		507
	CashierIdentification <CshrId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		507
	InvoiceNumber <InvNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <Regldr>	[1..1]	Text		508
	SplitPayment <SpltPmt>	[0..1]	Indicator		509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	510
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		513
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		515
	DirectDebitContext <DrctDbtCntxt>	[0..1]			515
	Debtor <Dbtr>	[0..1]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <Mndtld>	[1..1]	Text		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <Mndtlmg>	[0..1]	Binary		521
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		521

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		501
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		501
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		502
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		502
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		502
	TransactionChannel <TxChanl>	[0..1]	CodeSet		502
	BusinessArea <BizArea>	[0..1]	CodeSet		503
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		503
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	503
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		504
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		504
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		505

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 2449):

- *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 2449):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 <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 2449):

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

12.4.2.5.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2405

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 2405

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 2441

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		506
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		506
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		507
	CashierIdentification <CshrId>	[0..1]	Text		507
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	507
	ShiftNumber <ShftNb>	[0..1]	Text		507
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		507
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		507
	InvoiceNumber <InvcNb>	[0..1]	Text		507
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			508
	CommonName <CmonNm>	[1..1]	Text		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <Regdldr>	[1..1]	Text		508
	SplitPayment <Spltpmt>	[0..1]	Indicator		509
	RemainingAmount <RmngAmt>	[0..1]	Amount		509
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		509
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		509
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		509
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		510
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		510

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 2454

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 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

- *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 2454

12.4.2.2.5.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		508
	Address <Adr>	[0..1]	Text		508
	CountryCode <CtryCd>	[1..1]	CodeSet		508
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		508
	RegisteredIdentifier <Regldr>	[1..1]	Text		508

12.4.2.2.5.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

12.4.2.2.5.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

12.4.2.2.5.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		511
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		511
	SystemToNotify <SysToNtfy>	[0..1]	Text		511
	Debtor <Dbtr>	[0..1]	±		512
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	513
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		513
	Creditor <Cdtr>	[0..1]	±		513
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	514
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		515

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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]	±		516
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	517
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		518
	Creditor <Cdtr>	[0..1]	±		518
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	519
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		520
	MandateRelatedInformation <MndtRltdInf>	[1..1]			520
	MandateIdentification <MndtId>	[1..1]	Text		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <MndtImg>	[0..1]	Binary		521
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		521

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		521
	DateOfSignature <DtOfSgntr>	[0..1]	Date		521
	MandateImage <MndtImg>	[0..1]	Binary		521
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		521

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 2454

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 2447

12.4.2.2.5.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2406

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 2409

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 2407

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 2457

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 **CardPaymentDataSetTransaction14Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		524
Or	Cancellation <Cxl>	[1..1]	±		531
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		535
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		542
Or	TokenRequest <TknReq>	[1..1]			547
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		547
	Environment <Envt>	[1..1]	±	C9	548
Or}	TokenResponse <TknRspn>	[1..1]			554
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		555
	Environment <Envt>	[1..1]	±	C9	555

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 "CardPaymentDataSetTransaction55" on page 1905 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1912
	Traceability <Tracblt>	[0..*]	±		1912
	Environment <Envt>	[1..1]	±	C9	1913
	Context <Cntxt>	[0..1]		C10	1919
	PaymentContext <PmtCntxt>	[0..1]			1922
	CardPresent <CardPres>	[0..1]	Indicator		1922
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1922
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1923
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1923
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1923
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1923
	BusinessArea <BizArea>	[0..1]	CodeSet		1924
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1924
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1924
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1925
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1925
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1926
	SaleContext <SaleCntxt>	[0..1]			1926
	SaleIdentification <SaleId>	[0..1]	Text		1927
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1927
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1928
	CashierIdentification <CshrId>	[0..1]	Text		1928
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1928
	ShiftNumber <ShftNb>	[0..1]	Text		1928
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1928
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1928
	InvoiceNumber <InvNb>	[0..1]	Text		1928
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1929
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1929
	CommonName <CmonNm>	[1..1]	Text		1929

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1929
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1929
	SplitPayment <SpltPmt>	[0..1]	Indicator		1930
	RemainingAmount <RmngAmt>	[0..1]	Amount		1930
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1930
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1930
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1930
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1931
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1931
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1931
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1932
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1932
	SystemToNotify <SysToNtfy>	[0..1]	Text		1932
	Debtor <Dbtr>	[0..1]	±		1933
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1934
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1934
	Creditor <Cdtr>	[0..1]	±		1934
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1935
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1936
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1936
	Debtor <Dbtr>	[0..1]	±		1937
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1938
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1939
	Creditor <Cdtr>	[0..1]	±		1939
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1940
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1941
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1941
	MandateIdentification <MndtId>	[1..1]	Text		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1942
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1942
	Transaction <Tx>	[1..1]			1942
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1947
	TransactionType <TxTp>	[0..1]	CodeSet		1947
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1948
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1949
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1949
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1949
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1950
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1950
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1950
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1950
	TransactionIdentification <TxId>	[1..1]	±		1950
	OriginalTransaction <OrgnlTx>	[0..1]	±		1950
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1951
	Reversal <Rvsl>	[0..1]	Indicator		1951
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1952
	FailureReason <FailrRsn>	[0..*]	CodeSet		1952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1953
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1953
	InterchangeData <IntrchnngData>	[0..1]	Text		1953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1953
	TransactionDetails <TxDtls>	[1..1]			1953
	Currency <Ccy>	[0..1]	CodeSet	C1	1956
	TotalAmount <TtlAmt>	[1..1]	Amount		1956
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1956
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1956
	DetailedAmount <DtldAmt>	[0..1]	±		1956

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1957
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1957
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1957
	ValidityDate <VldtyDt>	[0..1]	Date		1957
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1957
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1958
	AccountType <AcctTp>	[0..1]	CodeSet		1958
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1959
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <AplblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtDtls>	[0..*]	±		1967
	Instalment <Instlmt>	[0..*]	±		1968
	Recurring <Rcrng>	[0..1]	±		1969
	AggregationTransaction <AggtnTx>	[0..1]	±		1970
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1970
	SaleItem <SaleItm>	[0..*]	±		1970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1971
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1971
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1971
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1972
	AdditionalInformation <AddtlInf>	[0..*]			1972
	Identification <Id>	[1..1]	Text		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1973
	AuthorisationResult <AuthstnRslt>	[0..1]			1973
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1973
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1974
	Response <Rspn>	[1..1]	CodeSet		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1975
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1975
	AccountFrom <AcctFr>	[0..1]			1975
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1976
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1977
	AccountName <AcctNm>	[0..1]	Text		1977
	AccountOwner <AcctOwnr>	[0..1]			1978
	Name <Nm>	[1..1]	Text		1978
	Address <Adr>	[1..1]	±		1978
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	AccountIdentifier <AcctIdr>	[0..1]			1979
{Or	Card <Card>	[1..1]	Text		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980
	Servicer <Svcr>	[0..1]			1980
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981
	AccountTo <AcctTo>	[0..1]			1981
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1982
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1983
	AccountName <AcctNm>	[0..1]	Text		1983
	AccountOwner <AcctOwnr>	[0..1]			1984
	Name <Nm>	[1..1]	Text		1984
	Address <Adr>	[1..1]	±		1984
	Currency <Ccy>	[0..1]	CodeSet	C1	1984

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			1985
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986
	Servicer <Svcr>	[0..1]			1986
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1987
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1987
	ActionType <ActnTp>	[1..1]	CodeSet		1988
	MessageToPresent <MsgToPres>	[0..1]	±		1989
	RemoteAccess <RmotAccs>	[0..1]	±		1990
	Retry <Rtry>	[0..1]	±		1990
	TimeCondition <TmCond>	[0..1]	±		1990

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 "[CardPaymentDataSetTransaction54](#)" on page 1991 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1995
	Traceability <Tracblt>	[0..*]	±		1995
	Environment <Envt>	[1..1]	±	C9	1995
	Context <Cntxt>	[0..1]		C10	2001
	PaymentContext <PmtCntxt>	[0..1]			2004
	CardPresent <CardPres>	[0..1]	Indicator		2004
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		2004
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2005
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2005
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		2005
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2005
	BusinessArea <BizArea>	[0..1]	CodeSet		2006
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2006
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	2006
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2007
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2007
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		2008
	SaleContext <SaleCntxt>	[0..1]			2008
	SaleIdentification <SaleId>	[0..1]	Text		2009
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2009
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2010
	CashierIdentification <CshrId>	[0..1]	Text		2010
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	2010
	ShiftNumber <ShftNb>	[0..1]	Text		2010
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2010
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2010
	InvoiceNumber <InvNb>	[0..1]	Text		2010
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2011
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2011
	CommonName <CmonNm>	[1..1]	Text		2011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		2011
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <RegIdr>	[1..1]	Text		2011
	SplitPayment <SpltPmt>	[0..1]	Indicator		2012
	RemainingAmount <RmngAmt>	[0..1]	Amount		2012
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2012
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2012
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2012
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2013
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2013
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	2013
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		2014
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		2014
	SystemToNotify <SysToNtfy>	[0..1]	Text		2014
	Debtor <Dbtr>	[0..1]	±		2015
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2016
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		2016
	Creditor <Cdtr>	[0..1]	±		2016
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2017
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2018
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2018
	Debtor <Dbtr>	[0..1]	±		2019
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2020
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		2021
	Creditor <Cdtr>	[0..1]	±		2021
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2022
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2023
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2023
	MandateIdentification <MndtId>	[1..1]	Text		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2024
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		2024
	Transaction <Tx>	[1..1]			2024
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2026
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2026
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2026
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2026
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2026
	TransactionIdentification <TxId>	[1..1]	±		2027
	OriginalTransaction <OrgnlTx>	[0..1]	±		2027
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2028
	Reversal <Rvsl>	[0..1]	Indicator		2028
	FailureReason <FailrRsn>	[0..*]	CodeSet		2029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2029
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2030
	InterchangeData <IntrchgngData>	[0..1]	Text		2030
	TransactionDetails <TxDtls>	[1..1]			2030
	Currency <Ccy>	[0..1]	CodeSet	C1	2030
	TotalAmount <TtlAmt>	[1..1]	Amount		2031
	ValidityDate <VldtyDt>	[0..1]	Date		2031
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2031
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		2031
	AuthorisationResult <AuthstnRslt>	[0..1]			2031
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2032
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2032
	Response <Rspn>	[1..1]	CodeSet		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2033
	TMSTrigger <TMSTrggr>	[0..1]			2033

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		2033
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		2034
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2034
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2034
	ActionType <ActnTp>	[1..1]	CodeSet		2034
	MessageToPresent <MsgToPres>	[0..1]	±		2036
	RemoteAccess <RmotAccs>	[0..1]	±		2036
	Retry <Rtry>	[0..1]	±		2037
	TimeCondition <TmCond>	[0..1]	±		2037

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
"CardPaymentDataSetTransaction56" on page 1823 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1830
	Traceability <Tracblt>	[0..*]	±		1830
	Environment <Envt>	[1..1]	±	C9	1830
	Context <Cntxt>	[0..1]		C10	1836
	PaymentContext <PmtCntxt>	[0..1]			1839
	CardPresent <CardPres>	[0..1]	Indicator		1839
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1839
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1840
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1840
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1840
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1840
	BusinessArea <BizArea>	[0..1]	CodeSet		1841
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1841
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1841
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1842
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1842
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1843
	SaleContext <SaleCntxt>	[0..1]			1843
	SaleIdentification <SaleId>	[0..1]	Text		1844
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1844
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1845
	CashierIdentification <CshrId>	[0..1]	Text		1845
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1845
	ShiftNumber <ShftNb>	[0..1]	Text		1845
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1845
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1845
	InvoiceNumber <InvcNb>	[0..1]	Text		1845
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1846
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1846
	CommonName <CmonNm>	[1..1]	Text		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1846
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1846
	SplitPayment <Spltpmt>	[0..1]	Indicator		1847
	RemainingAmount <RmngAmt>	[0..1]	Amount		1847
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1847
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1847
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1847
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1848
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1848
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1848
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1849
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1849
	SystemToNotify <SysToNtfy>	[0..1]	Text		1849
	Debtor <Dbtr>	[0..1]	±		1850
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1851
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1851
	Creditor <Cdtr>	[0..1]	±		1851
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1852
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1853
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1853
	Debtor <Dbtr>	[0..1]	±		1854
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1855
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1856
	Creditor <Cdtr>	[0..1]	±		1856
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1857
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1858
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1858
	MandateIdentification <MndtId>	[1..1]	Text		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1859
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1859
	Transaction <Tx>	[1..1]			1859
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1864
	TransactionType <TxTp>	[0..1]	CodeSet		1864
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1865
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1865
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1866
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1866
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1866
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1866
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1867
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1867
	TransactionIdentification <TxId>	[1..1]	±		1867
	OriginalTransaction <OrgnlTx>	[0..1]	±		1867
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1868
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1868
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1869
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1869
	TransactionDetails <TxDtls>	[1..1]			1869
	Currency <Ccy>	[0..1]	CodeSet	C1	1872
	TotalAmount <TtlAmt>	[1..1]	Amount		1872
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1872
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1872
	DetailedAmount <DtlAmt>	[0..1]	±		1872
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1873
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1873
	InvoiceAmount <InvAmt>	[0..1]	Amount		1873
	ValidityDate <VldtyDt>	[0..1]	Date		1873
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1873
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1874

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1874
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1875
	AcceptedByCardholder <AcctdByCrdhldr>	[0..1]	Indicator		1877
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <ApplBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			1883
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883
	Instalment <Instlmt>	[0..*]	±		1884
	Recurring <Rcrng>	[0..1]	±		1885
	AggregationTransaction <AggtnTx>	[0..1]	±		1886
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1886
	SaleItem <Saleitm>	[0..*]	±		1886
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1887
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1887
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1887
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1887
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1888
	AdditionalInformation <AddtlInf>	[0..*]			1888
	Identification <Id>	[1..1]	Text		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrctcdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1889
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1889
	AccountFrom <AcctFr>	[0..1]			1889
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1890
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1891
	AccountName <AcctNm>	[0..1]	Text		1891
	AccountOwner <AcctOwnr>	[0..1]			1892
	Name <Nm>	[1..1]	Text		1892
	Address <Adr>	[1..1]	±		1892
	Currency <Ccy>	[0..1]	CodeSet	C1	1892
	AccountIdentifier <AcctIdr>	[0..1]			1893
{Or	Card <Card>	[1..1]	Text		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1893
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894
	Servicer <Svcr>	[0..1]			1894
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895
	AccountTo <AcctTo>	[0..1]			1895
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1896
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1897
	AccountName <AcctNm>	[0..1]	Text		1897
	AccountOwner <AcctOwnr>	[0..1]			1898
	Name <Nm>	[1..1]	Text		1898
	Address <Adr>	[1..1]	±		1898
	Currency <Ccy>	[0..1]	CodeSet	C1	1898
	AccountIdentifier <AcctIdr>	[0..1]			1899
{Or	Card <Card>	[1..1]	Text		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900
	Servicer <Svcr>	[0..1]			1900
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1901

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1901
	ActionType <ActnTp>	[1..1]	CodeSet		1902
	MessageToPresent <MsgToPres>	[0..1]	±		1903
	RemoteAccess <RmotAccs>	[0..1]	±		1904
	Retry <Rtry>	[0..1]	±		1904
	TimeCondition <TmCond>	[0..1]	±		1904

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
"CardPaymentDataSetTransaction57" on page 1764 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1769
	Traceability <Tracblt>	[0..*]	±		1769
	Environment <Envt>	[1..1]	±	C9	1770
	Transaction <Tx>	[1..1]			1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1779
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1780
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1780
	InterchangeData <IntrchnngData>	[0..1]	Text		1780
	TransactionDetails <TxDtls>	[1..1]			1780
	Currency <Ccy>	[0..1]	CodeSet	C1	1783
	TotalAmount <TtlAmt>	[1..1]	Amount		1783
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1783
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1783
	DetailedAmount <DtldAmt>	[0..1]	±		1783
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1784
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1784
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1784
	ValidityDate <VldtyDt>	[0..1]	Date		1784
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1784
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1785
	AccountType <AcctTp>	[0..1]	CodeSet		1785
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1786
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <AplblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1794
	Instalment <Instlmt>	[0..*]	±		1795
	Recurring <Rcrng>	[0..1]	±		1796
	AggregationTransaction <AggtnTx>	[0..1]	±		1797
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1797

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1797
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1798
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1798
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1798
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1798
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1799
	AdditionalInformation <AddtlInf>	[0..*]			1799
	Identification <Id>	[1..1]	Text		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrctcdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1800
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1800
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1802
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	TransactionResponse <TxRspn>	[1..1]			1803
	AuthorisationResult <AuthstnRslt>	[1..1]			1806
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1806
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1807
	Response <Rspn>	[1..1]	CodeSet		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1807
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1807
	TMSTrigger <TMSTrggr>	[0..1]			1808
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808
	AllowedProductCode <AllwdPdctCd>	[0..*]			1808
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1810
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1810
	AmountLimit <AmtLmt>	[0..1]	Amount		1810
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1810
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1810
	Balance <Bal>	[0..1]	±		1812
	ProtectedBalance <PrtctdBal>	[0..1]	±		1812
	Action <Actn>	[0..*]			1813
	ActionType <ActnTp>	[1..1]	CodeSet		1813
	MessageToPresent <MsgToPres>	[0..1]	±		1814
	RemoteAccess <RmotAccs>	[0..1]	±		1815
	Retry <Rtry>	[0..1]	±		1815
	TimeCondition <TmCond>	[0..1]	±		1816
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1816
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1818
	TargetCurrency <TrgtCcy>	[1..1]			1818
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1819
	ExchangeRate <XchgRate>	[1..1]	Rate		1819
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1819
	ValidFrom <VldFr>	[0..1]	DateTime		1819
	ValidUntil <VldUntil>	[0..1]	DateTime		1819
	SourceCurrency <SrcCcy>	[1..1]			1819
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <Dcml>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820
	ApplicableBinRange <Aplb/BinRg>	[0..*]			1820
	LowerBin <LwrBin>	[1..1]	Text		1821
	HigherBin <HghrBin>	[1..1]	Text		1821
	OriginalAmount <OrgnlAmt>	[0..1]			1821
	ActualAmount <ActlAmt>	[0..1]	Amount		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821
	CommissionDetails <ComssnDtls>	[0..*]			1822
	Amount <Amt>	[1..1]	Amount		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	MarkUpDetails <MrkUpDtls>	[0..*]			1822
	Rate <Rate>	[1..1]	Rate		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1822

12.4.2.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		547
	Environment <Envnt>	[1..1]	±	C9	548

12.4.2.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2457

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **TokenRequestComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		555
	Environment <Envt>	[1..1]	±	C9	555

12.4.2.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2457

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <Grpld>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

13 caaa.012.001.14

AcceptorBatchTransferResponseV14

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 AcceptorBatchTransferResponseV14 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]			567
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		567
	FormatVersion <FrmtVrsn>	[1..1]	Text		567
	ExchangeIdentification <XchgId>	[1..1]	Quantity		567
	CreationDateTime <CreDtTm>	[1..1]	DateTime		567
	InitiatingParty <InitgPty>	[1..1]	±		568
	RecipientParty <RcptPty>	[0..1]	±		568
	BatchTransferResponse <BtchTrfRspn>	[1..1]			569
	TransactionTotals <TxTtls>	[0..*]			572
	POIGroupIdentification <POIGrpId>	[0..1]	Text		572
	CardBrand <CardBrnd>	[0..1]	Text		572
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		573
	Currency <Ccy>	[0..1]	CodeSet	C1	573
	Type <Tp>	[1..1]	CodeSet		573
	TotalNumber <TtlNb>	[1..1]	Quantity		573
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		574
	DataSet <DataSet>	[0..*]			574
	DataSetIdentification <DataSetId>	[1..1]			577
	Name <Nm>	[1..1]	Text		577
	Type <Tp>	[1..1]	CodeSet		577
	Version <Vrsn>	[0..1]	Text		578
	CreationDateTime <CreDtTm>	[1..1]	DateTime		578
	DataSetResult <DataSetRslt>	[1..1]			578
	Response <Rspn>	[1..1]	CodeSet		578
	ResponseReason <RspnRsn>	[0..1]	Text		578
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		579
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		579
	DataSetInitiator <DataSetInitr>	[0..1]	±		579
	TransactionTotals <TxTtls>	[1..*]			579

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		580
	CardBrand <CardBrnd>	[0..1]	Text		580
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		580
	Currency <Ccy>	[0..1]	CodeSet	C1	580
	Type <Tp>	[1..1]	CodeSet		580
	TotalNumber <TtlNb>	[1..1]	Quantity		581
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		581
	RejectedTransaction <RjctdTx>	[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		590
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590
	SuspendedTransaction <SspdTx>	[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 <Envnt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		599
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599
	ResumedApproval <RsmdApprvl>	[0..*]			599
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		600

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			600
	Response <Rspn>	[1..1]	CodeSet		600
	ResponseReason <RspnRsn>	[0..1]	Text		601
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		601
	Environment <Envt>	[1..1]	±	C3	601
	Transaction <Tx>	[1..1]			607
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		608
	TransactionIdentification <TxId>	[1..1]	±		608
	Response <Rspn>	[1..1]	CodeSet		608
	ResumedRejection <RsmrRjctn>	[0..*]			608
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		609
	TransactionResponse <TxRspn>	[1..1]			609
	Response <Rspn>	[1..1]	CodeSet		609
	ResponseReason <RspnRsn>	[0..1]	Text		610
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		610
	Environment <Envt>	[1..1]	±	C3	610
	Transaction <Tx>	[1..1]			616
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		617
	TransactionIdentification <TxId>	[1..1]	±		617
	Response <Rspn>	[1..1]	CodeSet		617
	SecurityTrailer <SctyTrlr>	[0..1]	±		617

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		567
	FormatVersion <FrmtVrsn>	[1..1]	Text		567
	Exchangeldentification <Xchgld>	[1..1]	Quantity		567
	CreationDateTime <CreDtTm>	[1..1]	DateTime		567
	InitiatingParty <InitgPty>	[1..1]	±		568
	RecipientParty <RcptPty>	[0..1]	±		568

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 2449):

- *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 2456

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 2449

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 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

13.4.2 **BatchTransferResponse <BtchTrfRspn>**

Presence: [1..1]

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

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			572
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		572
	CardBrand <CardBrnd>	[0..1]	Text		572
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		573
	Currency <Ccy>	[0..1]	CodeSet	C1	573
	Type <Tp>	[1..1]	CodeSet		573
	TotalNumber <TtlNb>	[1..1]	Quantity		573
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		574
	DataSet <DataSet>	[0..*]			574
	DataSetIdentification <DataSetId>	[1..1]			577
	Name <Nm>	[1..1]	Text		577
	Type <Tp>	[1..1]	CodeSet		577
	Version <Vrsn>	[0..1]	Text		578
	CreationDateTime <CreDtTm>	[1..1]	DateTime		578
	DataSetResult <DataSetRslt>	[1..1]			578
	Response <Rspn>	[1..1]	CodeSet		578
	ResponseReason <RspnRsn>	[0..1]	Text		578
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		579
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		579
	DataSetInitiator <DataSetInitr>	[0..1]	±		579
	TransactionTotals <TxTtls>	[1..*]			579
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		580
	CardBrand <CardBrnd>	[0..1]	Text		580
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		580
	Currency <Ccy>	[0..1]	CodeSet	C1	580
	Type <Tp>	[1..1]	CodeSet		580
	TotalNumber <TtlNb>	[1..1]	Quantity		581
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		581
	RejectedTransaction <RjctdTx>	[0..*]			581
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		582

Or	MessageElement<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		590
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590
	SuspendedTransaction <SspdTx>	[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		599
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599
	ResumedApproval <RsmdApprvl>	[0..*]			599
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		600
	TransactionResponse <TxRspn>	[1..1]			600
	Response <Rspn>	[1..1]	CodeSet		600
	ResponseReason <RspnRsn>	[0..1]	Text		601
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		601
	Environment <Envt>	[1..1]	±	C3	601
	Transaction <Tx>	[1..1]			607
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		608
	TransactionIdentification <TxId>	[1..1]	±		608
	Response <Rspn>	[1..1]	CodeSet		608

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			608
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		609
	TransactionResponse <TxRspn>	[1..1]			609
	Response <Rspn>	[1..1]	CodeSet		609
	ResponseReason <RspnRsn>	[0..1]	Text		610
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		610
	Environment <Envt>	[1..1]	±	C3	610
	Transaction <Tx>	[1..1]			616
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		617
	TransactionIdentification <TxId>	[1..1]	±		617
	Response <Rspn>	[1..1]	CodeSet		617

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		572
	CardBrand <CardBrnd>	[0..1]	Text		572
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		573
	Currency <Ccy>	[0..1]	CodeSet	C1	573
	Type <Tp>	[1..1]	CodeSet		573
	TotalNumber <TtlNb>	[1..1]	Quantity		573
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		574

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 2454

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

13.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet42** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			577
	Name <Nm>	[1..1]	Text		577
	Type <Tp>	[1..1]	CodeSet		577
	Version <Vrsn>	[0..1]	Text		578
	CreationDateTime <CreDtTm>	[1..1]	DateTime		578
	DataSetResult <DataSetRslt>	[1..1]			578
	Response <Rspn>	[1..1]	CodeSet		578
	ResponseReason <RspnRsn>	[0..1]	Text		578
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		579
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		579
	DataSetInitiator <DataSetInitr>	[0..1]	±		579
	TransactionTotals <TxTtls>	[1..*]			579
	POIGroupIdentification <POIGrpld>	[0..1]	Text		580
	CardBrand <CardBrnd>	[0..1]	Text		580
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		580
	Currency <Ccy>	[0..1]	CodeSet	C1	580
	Type <Tp>	[1..1]	CodeSet		580
	TotalNumber <TtlNb>	[1..1]	Quantity		581
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		581
	RejectedTransaction <RjctdTx>	[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 <Envt>	[1..1]	±	C3	583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		590
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590
	SuspendedTransaction <SspdTx>	[0..*]			590

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 <Envvt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		599
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599
	ResumedApproval <RsmdApprvl>	[0..*]			599
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		600
	TransactionResponse <TxRspn>	[1..1]			600
	Response <Rspn>	[1..1]	CodeSet		600
	ResponseReason <RspnRsn>	[0..1]	Text		601
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		601
	Environment <Envvt>	[1..1]	±	C3	601
	Transaction <Tx>	[1..1]			607
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		608
	TransactionIdentification <TxId>	[1..1]	±		608
	Response <Rspn>	[1..1]	CodeSet		608
	ResumedRejection <RsmdRjctn>	[0..*]			608
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		609
	TransactionResponse <TxRspn>	[1..1]			609
	Response <Rspn>	[1..1]	CodeSet		609
	ResponseReason <RspnRsn>	[0..1]	Text		610
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		610
	Environment <Envvt>	[1..1]	±	C3	610
	Transaction <Tx>	[1..1]			616
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		617
	TransactionIdentification <TxId>	[1..1]	±		617

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		617

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		577
	Type <Tp>	[1..1]	CodeSet		577
	Version <Vrsn>	[0..1]	Text		578
	CreationDateTime <CreDtTm>	[1..1]	DateTime		578

13.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2453

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2412

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 2453

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 2447

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		578
	ResponseReason <RspnRsn>	[0..1]	Text		578
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		579

13.4.2.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

13.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

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 2449):

- *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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 <POIGrpld>	[0..1]	Text		580
	CardBrand <CardBrnd>	[0..1]	Text		580
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		580
	Currency <Ccy>	[0..1]	CodeSet	C1	580
	Type <Tp>	[1..1]	CodeSet		580
	TotalNumber <TtlNb>	[1..1]	Quantity		581
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		581

13.4.2.2.5.1 POIGroupIdentification <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 2454

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

13.4.2.2.6 RejectedTransaction <RjctdTx>

Presence: [0..*]

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

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet41** 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		590
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590

13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583

13.4.2.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		590
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

13.4.2.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** 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		599
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599

13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592

13.4.2.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		599
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

13.4.2.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		600
	TransactionResponse <TxRspn>	[1..1]			600
	Response <Rspn>	[1..1]	CodeSet		600
	ResponseReason <RspnRsn>	[0..1]	Text		601
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		601
	Environment <Envt>	[1..1]	±	C3	601
	Transaction <Tx>	[1..1]			607
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		608
	TransactionIdentification <TxId>	[1..1]	±		608
	Response <Rspn>	[1..1]	CodeSet		608

13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		600
	ResponseReason <RspnRsn>	[0..1]	Text		601
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		601

13.4.2.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <Grpld>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		608
	TransactionIdentification <TxId>	[1..1]	±		608
	Response <Rspn>	[1..1]	CodeSet		608

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

13.4.2.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		609
	TransactionResponse <TxRspn>	[1..1]			609
	Response <Rspn>	[1..1]	CodeSet		609
	ResponseReason <RspnRsn>	[0..1]	Text		610
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		610
	Environment <Envt>	[1..1]	±	C3	610
	Transaction <Tx>	[1..1]			616
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		617
	TransactionIdentification <TxId>	[1..1]	±		617
	Response <Rspn>	[1..1]	CodeSet		617

13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		609
	ResponseReason <RspnRsn>	[0..1]	Text		610
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		610

13.4.2.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		617
	TransactionIdentification <TxId>	[1..1]	±		617
	Response <Rspn>	[1..1]	CodeSet		617

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

13.4.2.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 2373](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

14 caaa.013.001.14 AcceptorDiagnosticRequestV14

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 AcceptorDiagnosticRequestV14 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]			620
	MessageFunction <MsgFctn>	[1..1]	CodeSet		620
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		622
	ExchangeIdentification <XchgId>	[1..1]	Quantity		622
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		622
	CreationDateTime <CreDtTm>	[1..1]	DateTime		622
	InitiatingParty <InitgPty>	[1..1]	±		622
	RecipientParty <RcptPty>	[0..1]	±		623
	Traceability <Tracblt>	[0..*]	±		623
	DiagnosticRequest <DgnstcReq>	[1..1]			624
	Environment <Envt>	[1..1]	±	C3	624
	AcquirerAvailabilityRequested <AcqrrAvlbtYReqd>	[0..1]	Indicator		630
	SecurityTrailer <SctyTrlr>	[0..1]	±		631

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		620
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		622
	ExchangeIdentification <XchgId>	[1..1]	Quantity		622
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		622
	CreationDateTime <CreDtTm>	[1..1]	DateTime		622
	InitiatingParty <InitgPty>	[1..1]	±		622
	RecipientParty <RcptPty>	[0..1]	±		623
	Traceability <Tracblt>	[0..*]	±		623

14.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

14.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

14.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

14.4.2 DiagnosticRequest <DgnstcReq>

Presence: [1..1]

Definition: Information related to the diagnostic request.

DiagnosticRequest <DgnstcReq> contains the following **AcceptorDiagnosticRequest14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	624
	AcquirerAvailabilityRequested <AcqrrAvlbtYReqd>	[0..1]	Indicator		630

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 2449):

- *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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

15 caaa.014.001.13 AcceptorDiagnosticResponseV13

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 AcceptorDiagnosticResponseV13 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]			634
	MessageFunction <MsgFctn>	[1..1]	CodeSet		634
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		636
	ExchangeIdentification <XchgId>	[1..1]	Quantity		636
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		636
	CreationDateTime <CreDtTm>	[1..1]	DateTime		636
	InitiatingParty <InitgPty>	[1..1]	±		636
	RecipientParty <RcptPty>	[0..1]	±		636
	Traceability <Tracblt>	[0..*]	±		637
	DiagnosticResponse <DgnstcRspn>	[1..1]			637
	Environment <Envt>	[1..1]	±	C3	638
	TMSTrigger <TMSTrggr>	[0..1]			644
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		645
	TMSIdentification <TMSId>	[0..1]	Text		645
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		645
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		645
	SecurityTrailer <SctyTrlr>	[0..1]	±		645

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		634
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		636
	ExchangeIdentification <XchgId>	[1..1]	Quantity		636
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		636
	CreationDateTime <CreDtTm>	[1..1]	DateTime		636
	InitiatingParty <InitgPty>	[1..1]	±		636
	RecipientParty <RcptPty>	[0..1]	±		636
	Traceability <Tracblt>	[0..*]	±		637

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

15.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

15.4.2 DiagnosticResponse <DgnstcRspn>

Presence: [1..1]

Definition: Information related to the diagnostic response.

DiagnosticResponse <DgnstcRspn> contains the following **AcceptorDiagnosticResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	638
	TMSTrigger <TMSTrggr>	[0..1]			644
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		645
	TMSIdentification <TMSId>	[0..1]	Text		645
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		645
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		645

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		645
	TMSIdentification <TMSId>	[0..1]	Text		645
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		645

15.4.2.2.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2449):

- *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 2373](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

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]			648
	MessageFunction <MsgFctn>	[1..1]	CodeSet		648
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		648
	ExchangeIdentification <XchgId>	[0..1]	Quantity		648
	CreationDateTime <CreDtTm>	[1..1]	DateTime		648
	InitiatingParty <InitgPty>	[0..1]	±		649
	RecipientParty <RcptPty>	[0..1]	±		649
	Traceability <Tracblt>	[0..*]	±		650
	Reject <Rjct>	[1..1]			650
	RejectReason <RjctRsn>	[1..1]	CodeSet		650
	AdditionalInformation <AddtlInf>	[0..1]	Text		651
	MessageInError <MsgInErr>	[0..1]	Binary		651

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		648
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		648
	ExchangeIdentification <Xchgld>	[0..1]	Quantity		648
	CreationDateTime <CreDtTm>	[1..1]	DateTime		648
	InitiatingParty <InitgPty>	[0..1]	±		649
	RecipientParty <RcptPty>	[0..1]	±		649
	Traceability <Tracblt>	[0..*]	±		650

16.3.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction9Code" on page 2424

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 2456

16.3.1.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

16.3.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmln>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

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		650
	AdditionalInformation <AddtlInf>	[0..1]	Text		651
	MessageInError <MsgInErr>	[0..1]	Binary		651

16.3.2.1 RejectReason <RjctRsn>

Presence: [1..1]

Definition: Reject reason of the request or the advice.

Datatype: "RejectReason1Code" on page 2435

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 2455

16.3.2.3 MessageInError <MsgInErr>

Presence: [0..1]

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

Datatype: "Max100KBinary" on page 2385

17 caaa.016.001.13

AcceptorCurrencyConversionRequestV13

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 AcceptorCurrencyConversionRequestV13 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]			658
	MessageFunction <MsgFctn>	[1..1]	CodeSet		659
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		660
	ExchangeIdentification <XchgId>	[1..1]	Quantity		661
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		661
	CreationDateTime <CreDtTm>	[1..1]	DateTime		661
	InitiatingParty <InitgPty>	[1..1]	±		661
	RecipientParty <RcptPty>	[0..1]	±		661
	Traceability <Tracblt>	[0..*]	±		662
	CurrencyConversionRequest <CcyConvsReq>	[1..1]			662
	Environment <Envnt>	[1..1]	±	C4	667
	Transaction <Tx>	[0..1]			673
	TransactionCapture <TxCaptr>	[0..1]	Indicator		678
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		678
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		679
	TransactionType <TxTp>	[1..1]	CodeSet		680
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		680
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		681
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		681
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		682
	TransactionIdentification <TxId>	[1..1]	±		682
	OriginalTransaction <OrgnlTx>	[0..1]			682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		684
	TransactionIdentification <TxId>	[1..1]	±		684
	POIIdentification <POIId>	[1..1]			684
	Identification <Id>	[1..1]	Text		685
	Type <Tp>	[0..1]	CodeSet		685
	Issuer <Issr>	[0..1]	CodeSet		685

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ShortName <ShrtNm>	[0..1]	Text		686
	CurrencyConversion <CcyConvs>	[0..1]			686
	Result <Rslt>	[1..1]	CodeSet		688
	ResultReason <RsltRsn>	[0..1]	Text		688
	ConversionDetails <ConvsDtls>	[0..*]			688
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690
	ResultingAmount <RsltAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		691
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplblBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkUpDetails <MrkUpDtls>	[0..*]			694
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <DclrtDtls>	[0..*]	±		694
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		695
	IssuerReferenceData <IssrRefData>	[0..1]	Text		695
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		695
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		695
	TransactionDetails <TxDtls>	[1..1]			696
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	TotalAmount <TtlAmt>	[1..1]	Amount		699
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		699
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		699
	DetailedAmount <DtlAmt>	[0..1]	±		699
	RequestedAmount <ReqdAmt>	[0..1]	Amount		700
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		700
	InvoiceAmount <InvcAmt>	[0..1]	Amount		700
	ValidityDate <VldtyDt>	[0..1]	Date		700
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		700
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		701
	AccountType <AcctTp>	[0..1]	CodeSet		701
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			702
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		704
	Conversion <Convs>	[0..1]			704
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <Dclrtndtls>	[0..*]	±		710
	Instalment <Instlmt>	[0..*]	±		711
	Recurring <Rcrng>	[0..1]	±		712
	AggregationTransaction <AggtnTx>	[0..1]	±		713
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		713
	SaleItem <SaleItem>	[0..*]	±		713
	DeliveryLocation <DlvryLctn>	[0..1]	Text		714

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		714
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		714
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		714
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		715
	AdditionalInformation <AddtlInf>	[0..*]			715
	Identification <Id>	[1..1]	Text		715
	Value <Val>	[0..1]	Binary		715
	ProtectedValue <PrctcdVal>	[0..1]	±		715
	Type <Tp>	[0..1]	Text		716
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		716
	AuthorisationResult <AuthstnRslt>	[0..1]			716
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		716
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			717
	Response <Rspn>	[1..1]	CodeSet		717
	ResponseReason <RspnRsn>	[0..1]	Text		717
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		718
	AuthorisationCode <AuthstnCd>	[0..1]	Text		718
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		718
	CustomerOrder <CstmrOrdr>	[0..1]	±		718
	CustomerToken <CstmrTkn>	[0..1]	±		718
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		719
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		719
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		719
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		719
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		720
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		720
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		720
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			720
	ActionType <ActnTp>	[1..1]	CodeSet		720
	MessageToPresent <MsgToPres>	[0..1]	±		721
	RemoteAccess <RmotAccs>	[0..1]	±		722

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		722
	TimeCondition <TmCond>	[0..1]	±		723
	SecurityTrailer <SctyTrlr>	[0..1]	±		723

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		659
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		660
	ExchangeIdentification <XchgId>	[1..1]	Quantity		661
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		661
	CreationDateTime <CreDtTm>	[1..1]	DateTime		661
	InitiatingParty <InitgPty>	[1..1]	±		661
	RecipientParty <RcptPty>	[0..1]	±		661
	Traceability <Tracblt>	[0..*]	±		662

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

17.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

17.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

17.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

17.4.2 CurrencyConversionRequest <CcyConvReq>

Presence: [1..1]

Definition: Information related to the currency conversion request.

CurrencyConversionRequest <CcyConvsReq> contains the following
AcceptorCurrencyConversionRequest13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	667
	Transaction <Tx>	[0..1]			673
	TransactionCapture <TxCaptr>	[0..1]	Indicator		678
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		678
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		679
	TransactionType <TxTp>	[1..1]	CodeSet		680
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		680
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		681
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		681
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		682
	TransactionIdentification <TxId>	[1..1]	±		682
	OriginalTransaction <OrgnlTx>	[0..1]			682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		684
	TransactionIdentification <TxId>	[1..1]	±		684
	POIIdentification <POIID>	[1..1]			684
	Identification <Id>	[1..1]	Text		685
	Type <Tp>	[0..1]	CodeSet		685
	Issuer <Issr>	[0..1]	CodeSet		685
	ShortName <ShrtNm>	[0..1]	Text		686
	CurrencyConversion <CcyConvs>	[0..1]			686
	Result <Rslt>	[1..1]	CodeSet		688
	ResultReason <RsltRsn>	[0..1]	Text		688
	ConversionDetails <ConvsDtls>	[0..*]			688
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		691
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplblBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkUpDetails <MrkUpDtls>	[0..*]			694
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <Dclrtndtls>	[0..*]	±		694
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		695
	IssuerReferenceData <IssrRefData>	[0..1]	Text		695
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		695
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		695
	TransactionDetails <TxDtls>	[1..1]			696
	Currency <Ccy>	[0..1]	CodeSet	C1	699

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		699
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		699
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		699
	DetailedAmount <DtldAmt>	[0..1]	±		699
	RequestedAmount <ReqdAmt>	[0..1]	Amount		700
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		700
	InvoiceAmount <InvAmt>	[0..1]	Amount		700
	ValidityDate <VldtyDt>	[0..1]	Date		700
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		700
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		701
	AccountType <AcctTp>	[0..1]	CodeSet		701
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			702
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		704
	Conversion <Convs>	[0..1]			704
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <DclrtDtls>	[0..*]	±		710
	Instalment <Instlmt>	[0..*]	±		711
	Recurring <Rcrng>	[0..1]	±		712
	AggregationTransaction <AggtnTx>	[0..1]	±		713
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		713
	SaleItem <Saleitm>	[0..*]	±		713
	DeliveryLocation <DlvryLctn>	[0..1]	Text		714
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		714
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		714
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		714
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		715
	AdditionalInformation <AddtlInf>	[0..*]			715
	Identification <Id>	[1..1]	Text		715
	Value <Val>	[0..1]	Binary		715
	ProtectedValue <PrctcdVal>	[0..1]	±		715
	Type <Tp>	[0..1]	Text		716
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		716
	AuthorisationResult <AuthstnRslt>	[0..1]			716

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		716
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			717
	Response <Rspn>	[1..1]	CodeSet		717
	ResponseReason <RspnRsn>	[0..1]	Text		717
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		718
	AuthorisationCode <AuthstnCd>	[0..1]	Text		718
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		718
	CustomerOrder <CstmrOrdrr>	[0..1]	±		718
	CustomerToken <CstmrTkn>	[0..1]	±		718
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		719
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		719
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		719
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		719
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		720
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		720
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		720
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			720
	ActionType <ActnTp>	[1..1]	CodeSet		720
	MessageToPresent <MsgToPres>	[0..1]	±		721
	RemoteAccess <RmotAccs>	[0..1]	±		722
	Retry <Rtry>	[0..1]	±		722
	TimeCondition <TmCond>	[0..1]	±		723

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		678
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		678
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		679
	TransactionType <TxTp>	[1..1]	CodeSet		680
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		680
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		681
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		681
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		682
	TransactionIdentification <TxId>	[1..1]	±		682
	OriginalTransaction <OrgnlTx>	[0..1]			682
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		684
	TransactionIdentification <TxId>	[1..1]	±		684
	POIIdentification <POIID>	[1..1]			684
	Identification <Id>	[1..1]	Text		685
	Type <Tp>	[0..1]	CodeSet		685
	Issuer <Issr>	[0..1]	CodeSet		685
	ShortName <ShrtNm>	[0..1]	Text		686
	CurrencyConversion <CcyConvs>	[0..1]			686
	Result <Rslt>	[1..1]	CodeSet		688
	ResultReason <RsltRsn>	[0..1]	Text		688
	ConversionDetails <ConvsDtls>	[0..*]			688
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690
	ResultingAmount <RsltgAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		691

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplblBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkUpDetails <MrkUpDtls>	[0..*]			694
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <Dclrtndtls>	[0..*]	±		694
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		695
	IssuerReferenceData <IssrRefData>	[0..1]	Text		695
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		695
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		695
	TransactionDetails <TxDtls>	[1..1]			696
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	TotalAmount <TtlAmt>	[1..1]	Amount		699
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		699
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		699

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		699
	RequestedAmount <ReqdAmt>	[0..1]	Amount		700
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		700
	InvoiceAmount <InvcAmt>	[0..1]	Amount		700
	ValidityDate <VldtyDt>	[0..1]	Date		700
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		700
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		701
	AccountType <AcctTp>	[0..1]	CodeSet		701
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			702
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		704
	Conversion <Convs>	[0..1]			704
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706
	ResultingAmount <RsltgAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <DclrtnDtls>	[0..*]	±		710
	Instalment <Instlmt>	[0..*]	±		711
	Recurring <Rcrng>	[0..1]	±		712
	AggregationTransaction <AggtnTx>	[0..1]	±		713
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		713
	SaleItem <Saleitm>	[0..*]	±		713
	DeliveryLocation <DlvryLctn>	[0..1]	Text		714
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		714
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		714
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		714
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		715
	AdditionalInformation <AddtlInf>	[0..*]			715
	Identification <Id>	[1..1]	Text		715
	Value <Val>	[0..1]	Binary		715
	ProtectedValue <PrctcdVal>	[0..1]	±		715
	Type <Tp>	[0..1]	Text		716
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		716
	AuthorisationResult <AuthstnRslt>	[0..1]			716
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		716
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			717
	Response <Rspn>	[1..1]	CodeSet		717

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		717
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		718
	AuthorisationCode <AuthstnCd>	[0..1]	Text		718
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		718
	CustomerOrder <CstmrOrd>	[0..1]	±		718
	CustomerToken <CstmrTkn>	[0..1]	±		718
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		719
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		719
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		719
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		719
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		720
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		720
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		720
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			720
	ActionType <ActnTp>	[1..1]	CodeSet		720
	MessageToPresent <MsgToPres>	[0..1]	±		721
	RemoteAccess <RmotAccs>	[0..1]	±		722
	Retry <Rtry>	[0..1]	±		722
	TimeCondition <TmCond>	[0..1]	±		723

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 2449):

- *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 2430

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.

17.4.2.2.3 PaymentTypeInformation <PmtTplnf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTplnf> contains the following elements (see "PaymentTypeInformation26" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

17.4.2.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2408

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.

17.4.2.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).

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

17.4.2.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

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 2449):

- *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 2457

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

17.4.2.2.11 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		684
	TransactionIdentification <TxId>	[1..1]	±		684
	POIdentification <POId>	[1..1]			684
	Identification <Id>	[1..1]	Text		685
	Type <Tp>	[0..1]	CodeSet		685
	Issuer <Issr>	[0..1]	CodeSet		685
	ShortName <ShrtNm>	[0..1]	Text		686
	CurrencyConversion <CcyConvs>	[0..1]			686
	Result <Rslt>	[1..1]	CodeSet		688
	ResultReason <RsltRsn>	[0..1]	Text		688
	ConversionDetails <ConvsDtls>	[0..*]			688
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690
	ResultingAmount <RsltAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		691
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplblBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkUpDetails <MrkUpDtls>	[0..*]			694
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <DclrtnDtls>	[0..*]	±		694

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		685
	Type <Tp>	[0..1]	CodeSet		685
	Issuer <Issr>	[0..1]	CodeSet		685
	ShortName <ShrtNm>	[0..1]	Text		686

17.4.2.2.11.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

17.4.2.2.11.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType35Code" on page 2428

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

17.4.2.2.11.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

17.4.2.2.11.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

17.4.2.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		688
	ResultReason <RsltRsn>	[0..1]	Text		688
	ConversionDetails <ConvsDtls>	[0..*]			688
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690
	ResultingAmount <RsltAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		691
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplblBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkupDetails <MrkUpDtls>	[0..*]			694

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <DclrtnDtls>	[0..*]	±		694

17.4.2.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2411

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 2454

17.4.2.2.11.4.3 ConversionDetails <ConvDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		690
	TargetCurrency <TrgtCcy>	[1..1]			690
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690
	ResultingAmount <RsltAmt>	[0..1]	Amount		691
	ExchangeRate <XchgRate>	[1..1]	Rate		691
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		691
	QuotationDate <QtnDt>	[0..1]	DateTime		691
	ValidFrom <VldFr>	[0..1]	DateTime		691
	ValidUntil <VldUntil>	[0..1]	DateTime		691
	SourceCurrency <SrcCcy>	[1..1]			691
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692
	ApplicableBinRange <AplBlBinRg>	[0..*]			692
	LowerBin <LwrBin>	[1..1]	Text		693
	HigherBin <HghrBin>	[1..1]	Text		693
	OriginalAmount <OrgnlAmt>	[0..1]			693
	ActualAmount <ActlAmt>	[0..1]	Amount		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693
	CommissionDetails <ComssnDtls>	[0..*]			694
	Amount <Amt>	[1..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	MarkUpDetails <MrkUpDtls>	[0..*]			694
	Rate <Rate>	[1..1]	Rate		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694
	DeclarationDetails <DclrtnDtls>	[0..*]	±		694

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 2454

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	690
	NumericCode <NmrcCd>	[1..1]	Text		690
	Decimal <Dcml>	[1..1]	Quantity		690
	Name <Nm>	[0..1]	Text		690

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

17.4.2.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

17.4.2.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	692
	NumericCode <NmrcCd>	[0..1]	Text		692
	Decimal <Dcml>	[0..1]	Quantity		692
	Name <Nm>	[0..1]	Text		692

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

17.4.2.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		693
	HigherBin <HghrBin>	[1..1]	Text		693

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 2452

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 2452

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		693
	MinimumAmount <MinAmt>	[0..1]	Amount		693
	MaximumAmount <MaxAmt>	[0..1]	Amount		693

17.4.2.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694

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 2384

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 2454

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		694
	AdditionalInformation <AddtlInf>	[0..1]	Text		694

17.4.2.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

17.4.2.2.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2454

17.4.2.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2452

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 2452

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 2452

17.4.2.2.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	699
	TotalAmount <TtlAmt>	[1..1]	Amount		699
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		699
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		699
	DetailedAmount <DtldAmt>	[0..1]	±		699
	RequestedAmount <ReqdAmt>	[0..1]	Amount		700
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		700
	InvoiceAmount <InvcAmt>	[0..1]	Amount		700
	ValidityDate <VldtyDt>	[0..1]	Date		700
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		700
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		701
	AccountType <AcctTp>	[0..1]	CodeSet		701
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			702
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		704
	Conversion <Convs>	[0..1]			704
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		708
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <Dclrtndtls>	[0..*]	±		710
	Instalment <Instlmt>	[0..*]	±		711
	Recurring <Rcrng>	[0..1]	±		712
	AggregationTransaction <AggtTx>	[0..1]	±		713
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		713
	SaleItem <Saleitm>	[0..*]	±		713
	DeliveryLocation <DivryLctn>	[0..1]	Text		714
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		714
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		714
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		714
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		715
	AdditionalInformation <AddtlInf>	[0..*]			715
	Identification <Id>	[1..1]	Text		715
	Value <Val>	[0..1]	Binary		715
	ProtectedValue <PrctcdVal>	[0..1]	±		715
	Type <Tp>	[0..1]	Text		716
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		716

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

17.4.2.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

17.4.2.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

17.4.2.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

17.4.2.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

17.4.2.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

17.4.2.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 <CcyConvRsIt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		704
	Conversion <Convs>	[0..1]			704
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706
	ResultingAmount <RsltgAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <DclrtnDtls>	[0..*]	±		710

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 2449](#)):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		706
	TargetCurrency <TrgtCcy>	[1..1]			706
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706
	ResultingAmount <RsltAmt>	[0..1]	Amount		707
	ExchangeRate <XchgRate>	[1..1]	Rate		707
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		707
	QuotationDate <QtnDt>	[0..1]	DateTime		707
	ValidFrom <VldFr>	[0..1]	DateTime		707
	ValidUntil <VldUntil>	[0..1]	DateTime		707
	SourceCurrency <SrcCcy>	[1..1]			707
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708
	ApplicableBinRange <AplblBinRg>	[0..*]			708
	LowerBin <LwrBin>	[1..1]	Text		709
	HigherBin <HghrBin>	[1..1]	Text		709
	OriginalAmount <OrgnlAmt>	[0..1]			709
	ActualAmount <ActlAmt>	[0..1]	Amount		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709
	CommissionDetails <ComssnDtls>	[0..*]			710
	Amount <Amt>	[1..1]	Amount		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	MarkUpDetails <MrkUpDtls>	[0..*]			710
	Rate <Rate>	[1..1]	Rate		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710
	DeclarationDetails <DclrtDtls>	[0..*]	±		710

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 2454

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	706
	NumericCode <NmrcCd>	[1..1]	Text		706
	Decimal <Dcml>	[1..1]	Quantity		706
	Name <Nm>	[0..1]	Text		706

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

17.4.2.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

17.4.2.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	708
	NumericCode <NmrcCd>	[0..1]	Text		708
	Decimal <Dcml>	[0..1]	Quantity		708
	Name <Nm>	[0..1]	Text		708

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

17.4.2.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		709
	HigherBin <HghrBin>	[1..1]	Text		709

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 2452

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 2452

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		709
	MinimumAmount <MinAmt>	[0..1]	Amount		709
	MaximumAmount <MaxAmt>	[0..1]	Amount		709

17.4.2.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710

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 2384

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 2454

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		710
	AdditionalInformation <AddtlInf>	[0..1]	Text		710

17.4.2.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

17.4.2.2.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Lab>	[0..1]	Text		2286

17.4.2.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		715
	Value <Val>	[0..1]	Binary		715
	ProtectedValue <PrtctdVal>	[0..1]	±		715
	Type <Tp>	[0..1]	Text		716

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

17.4.2.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

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]	±		716
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			717
	Response <Rspn>	[1..1]	CodeSet		717
	ResponseReason <RspnRsn>	[0..1]	Text		717
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		718
	AuthorisationCode <AuthstnCd>	[0..1]	Text		718

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		717
	ResponseReason <RspnRsn>	[0..1]	Text		717
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		718

17.4.2.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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 2454

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 2452

17.4.2.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2456

17.4.2.2.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "[CustomerOrder1](#)" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

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 2380 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2380
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2380
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2380
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2381
	TokenRequestor <TknRqstr>	[0..1]			2381
	ProviderIdentification <PrvdrId>	[1..1]	Text		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2381
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2381
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2381
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2382

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 2449):

- *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 2454

17.4.2.2.23 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 2454

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 2456

17.4.2.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2456

17.4.2.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2456

17.4.2.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

17.4.2.2.28 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		720
	MessageToPresent <MsgToPres>	[0..1]	±		721
	RemoteAccess <RmotAccs>	[0..1]	±		722
	Retry <Rtry>	[0..1]	±		722
	TimeCondition <TmCond>	[0..1]	±		723

17.4.2.2.28.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

CodeName	Name	Definition
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

17.4.2.2.28.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

17.4.2.2.28.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

17.4.2.2.28.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

17.4.2.2.28.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

18 caaa.017.001.13 AcceptorCurrencyConversionResponseV13

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 AcceptorCurrencyConversionResponseV13 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]			729
	MessageFunction <MsgFctn>	[1..1]	CodeSet		730
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		731
	ExchangeIdentification <XchgId>	[1..1]	Quantity		732
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		732
	CreationDateTime <CreDtTm>	[1..1]	DateTime		732
	InitiatingParty <InitgPty>	[1..1]	±		732
	RecipientParty <RcptPty>	[0..1]	±		732
	Traceability <Tracblt>	[0..*]	±		733
	CurrencyConversionResponse <CcyConvsRspn>	[1..1]			733
	Environment <Envt>	[1..1]	±	C4	737
	Transaction <Tx>	[1..1]			743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		746
	TransactionIdentification <TxId>	[1..1]	±		746
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		746
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		747
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		747
	InterchangeData <IntrchgData>	[0..1]	Text		747
	TransactionDetails <TxDtls>	[1..1]			747
	Currency <Ccy>	[0..1]	CodeSet	C1	750
	TotalAmount <TtlAmt>	[1..1]	Amount		750
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		750
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		750
	DetailedAmount <DtldAmt>	[0..1]	±		750
	RequestedAmount <ReqdAmt>	[0..1]	Amount		751
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		751
	InvoiceAmount <InvcAmt>	[0..1]	Amount		751
	ValidityDate <VldtyDt>	[0..1]	Date		751
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		751

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		752
	AccountType <AcctTp>	[0..1]	CodeSet		752
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			753
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		755
	Conversion <Convs>	[0..1]			755
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757
	ResultingAmount <RsItgAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		758
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <DclrtDtls>	[0..*]	±		761
	Instalment <Instlmt>	[0..*]	±		762
	Recurring <Rcrng>	[0..1]	±		763
	AggregationTransaction <AggtnTx>	[0..1]	±		764
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		764
	SaleItem <Saleitm>	[0..*]	±		764
	DeliveryLocation <DivryLctn>	[0..1]	Text		765
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		765
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		765
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		765
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		766
	AdditionalInformation <AddtlInf>	[0..*]			766
	Identification <Id>	[1..1]	Text		766
	Value <Val>	[0..1]	Binary		766
	ProtectedValue <PrctcdVal>	[0..1]	±		766
	Type <Tp>	[0..1]	Text		767
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		767
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		767
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			767
	ActionType <ActnTp>	[1..1]	CodeSet		767
	MessageToPresent <MsgToPres>	[0..1]	±		769
	RemoteAccess <RmotAccs>	[0..1]	±		769
	Retry <Rtry>	[0..1]	±		770
	TimeCondition <TmCond>	[0..1]	±		770
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			770
	Result <Rslt>	[1..1]	CodeSet		772
	ResultReason <RsltRsn>	[0..1]	Text		772

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDsDtls>	[0..*]			772
	CurrencyConversionIdentification <CcyConvSld>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778
	SecurityTrailer <SctyTrlr>	[0..1]	±		779

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 must 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		730
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		731
	ExchangeIdentification <XchgId>	[1..1]	Quantity		732
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		732
	CreationDateTime <CreDtTm>	[1..1]	DateTime		732
	InitiatingParty <InitgPty>	[1..1]	±		732
	RecipientParty <RcptPty>	[0..1]	±		732
	Traceability <Tracblt>	[0..*]	±		733

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

18.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

18.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

18.4.2 CurrencyConversionResponse <CcyConvRspsn>

Presence: [1..1]

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

CurrencyConversionResponse <CcyConvsRspn> contains the following
AcceptorCurrencyConversionResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	737
	Transaction <Tx>	[1..1]			743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		746
	TransactionIdentification <TxId>	[1..1]	±		746
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		746
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		747
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		747
	InterchangeData <IntrchnngData>	[0..1]	Text		747
	TransactionDetails <TxDtls>	[1..1]			747
	Currency <Ccy>	[0..1]	CodeSet	C1	750
	TotalAmount <TtlAmt>	[1..1]	Amount		750
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		750
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		750
	DetailedAmount <DtldAmt>	[0..1]	±		750
	RequestedAmount <ReqdAmt>	[0..1]	Amount		751
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		751
	InvoiceAmount <InvcAmt>	[0..1]	Amount		751
	ValidityDate <VldtyDt>	[0..1]	Date		751
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		751
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		752
	AccountType <AcctTp>	[0..1]	CodeSet		752
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			753
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		755
	Conversion <Convs>	[0..1]			755
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		758
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <Dclrtndtls>	[0..*]	±		761
	Instalment <Instlmt>	[0..*]	±		762
	Recurring <Rcrng>	[0..1]	±		763
	AggregationTransaction <AggtnTx>	[0..1]	±		764
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		764
	SaleItem <Saleitm>	[0..*]	±		764
	DeliveryLocation <DlvryLctn>	[0..1]	Text		765

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		765
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		765
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		765
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		766
	AdditionalInformation <AddtlInf>	[0..*]			766
	Identification <Id>	[1..1]	Text		766
	Value <Val>	[0..1]	Binary		766
	ProtectedValue <PrctcdVal>	[0..1]	±		766
	Type <Tp>	[0..1]	Text		767
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		767
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		767
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			767
	ActionType <ActnTp>	[1..1]	CodeSet		767
	MessageToPresent <MsgToPres>	[0..1]	±		769
	RemoteAccess <RmotAccs>	[0..1]	±		769
	Retry <Rtry>	[0..1]	±		770
	TimeCondition <TmCond>	[0..1]	±		770
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			770
	Result <Rslt>	[1..1]	CodeSet		772
	ResultReason <RsltRsn>	[0..1]	Text		772
	ConversionDetails <ConvsDtls>	[0..*]			772
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778

18.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C4 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **CardPaymentTransaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		746
	TransactionIdentification <TxId>	[1..1]	±		746
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		746
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		747
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		747
	InterchangeData <IntrchgData>	[0..1]	Text		747
	TransactionDetails <TxDtls>	[1..1]			747
	Currency <Ccy>	[0..1]	CodeSet	C1	750
	TotalAmount <TtlAmt>	[1..1]	Amount		750
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		750
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		750
	DetailedAmount <DtlAmt>	[0..1]	±		750
	RequestedAmount <ReqdAmt>	[0..1]	Amount		751
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		751
	InvoiceAmount <InvcAmt>	[0..1]	Amount		751
	ValidityDate <VldtyDt>	[0..1]	Date		751
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		751
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		752
	AccountType <AcctTp>	[0..1]	CodeSet		752
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			753
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		755
	Conversion <Convs>	[0..1]			755
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757
	ResultingAmount <RsltgAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		758

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <DclrtDtls>	[0..*]	±		761
	Instalment <Instlmt>	[0..*]	±		762
	Recurring <Rcrng>	[0..1]	±		763
	AggregationTransaction <AggtnTx>	[0..1]	±		764
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		764
	SaleItem <SaleItm>	[0..*]	±		764
	DeliveryLocation <DlvryLctn>	[0..1]	Text		765
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		765
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		765
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		765

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		766
	AdditionalInformation <AddtlInf>	[0..*]			766
	Identification <Id>	[1..1]	Text		766
	Value <Val>	[0..1]	Binary		766
	ProtectedValue <PrctcdVal>	[0..1]	±		766
	Type <Tp>	[0..1]	Text		767
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		767
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		767
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			767
	ActionType <ActnTp>	[1..1]	CodeSet		767
	MessageToPresent <MsgToPres>	[0..1]	±		769
	RemoteAccess <RmotAccs>	[0..1]	±		769
	Retry <Rtry>	[0..1]	±		770
	TimeCondition <TmCond>	[0..1]	±		770

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

18.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

18.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	750
	TotalAmount <TtlAmt>	[1..1]	Amount		750
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		750
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		750
	DetailedAmount <DtldAmt>	[0..1]	±		750
	RequestedAmount <ReqdAmt>	[0..1]	Amount		751
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		751
	InvoiceAmount <InvcAmt>	[0..1]	Amount		751
	ValidityDate <VldtyDt>	[0..1]	Date		751
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		751
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		752
	AccountType <AcctTp>	[0..1]	CodeSet		752
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			753
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		755
	Conversion <Convs>	[0..1]			755
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		758
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <Dclrtndtls>	[0..*]	±		761
	Instalment <Instlmt>	[0..*]	±		762
	Recurring <Rcrng>	[0..1]	±		763
	AggregationTransaction <AggtTx>	[0..1]	±		764
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		764
	SaleItem <Saleitm>	[0..*]	±		764
	DeliveryLocation <DivryLctn>	[0..1]	Text		765
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		765
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		765
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		765
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		766
	AdditionalInformation <AddtlInf>	[0..*]			766
	Identification <Id>	[1..1]	Text		766
	Value <Val>	[0..1]	Binary		766
	ProtectedValue <PrctcdVal>	[0..1]	±		766
	Type <Tp>	[0..1]	Text		767
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		767

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

18.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

18.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		755
	Conversion <Convs>	[0..1]			755
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757
	ResultingAmount <RsltgAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		758
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <DclrtnDtls>	[0..*]	±		761

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		757
	TargetCurrency <TrgtCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757
	ResultingAmount <RsltAmt>	[0..1]	Amount		758
	ExchangeRate <XchgRate>	[1..1]	Rate		758
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		758
	QuotationDate <QtnDt>	[0..1]	DateTime		758
	ValidFrom <VldFr>	[0..1]	DateTime		758
	ValidUntil <VldUntil>	[0..1]	DateTime		758
	SourceCurrency <SrcCcy>	[1..1]			758
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759
	ApplicableBinRange <AplblBinRg>	[0..*]			759
	LowerBin <LwrBin>	[1..1]	Text		760
	HigherBin <HghrBin>	[1..1]	Text		760
	OriginalAmount <OrgnlAmt>	[0..1]			760
	ActualAmount <ActlAmt>	[0..1]	Amount		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760
	CommissionDetails <ComssnDtls>	[0..*]			761
	Amount <Amt>	[1..1]	Amount		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	MarkUpDetails <MrkUpDtls>	[0..*]			761
	Rate <Rate>	[1..1]	Rate		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761
	DeclarationDetails <DclrtDtls>	[0..*]	±		761

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 2454

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	757
	NumericCode <NmrcCd>	[1..1]	Text		757
	Decimal <Dcml>	[1..1]	Quantity		757
	Name <Nm>	[0..1]	Text		757

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

18.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

18.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	759
	NumericCode <NmrcCd>	[0..1]	Text		759
	Decimal <Dcml>	[0..1]	Quantity		759
	Name <Nm>	[0..1]	Text		759

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

18.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		760
	HigherBin <HghrBin>	[1..1]	Text		760

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 2452

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 2452

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		760
	MinimumAmount <MinAmt>	[0..1]	Amount		760
	MaximumAmount <MaxAmt>	[0..1]	Amount		760

18.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761

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 2384

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 2454

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		761
	AdditionalInformation <AddtlInf>	[0..1]	Text		761

18.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

18.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		766
	Value <Val>	[0..1]	Binary		766
	ProtectedValue <PrtctdVal>	[0..1]	±		766
	Type <Tp>	[0..1]	Text		767

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

18.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2385

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 2456

18.4.2.2.9 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		767
	MessageToPresent <MsgToPres>	[0..1]	±		769
	RemoteAccess <RmotAccs>	[0..1]	±		769
	Retry <Rtry>	[0..1]	±		770
	TimeCondition <TmCond>	[0..1]	±		770

18.4.2.2.9.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

18.4.2.2.9.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

18.4.2.2.9.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

18.4.2.2.9.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

18.4.2.2.9.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

18.4.2.3 CurrencyConversionResult <CcyConvRsIt>

Presence: [1..1]

Definition: Details of the currency conversion.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		772
	ResultReason <RsItRsn>	[0..1]	Text		772
	ConversionDetails <ConvDsDtls>	[0..*]			772
	CurrencyConversionIdentification <CcyConvSld>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

Or	MessageElement <XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtnDtls>	[0..*]	±		778

18.4.2.3.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2411

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

18.4.2.3.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2454

18.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		774
	TargetCurrency <TrgtCcy>	[1..1]			774
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774
	ResultingAmount <RsltAmt>	[0..1]	Amount		775
	ExchangeRate <XchgRate>	[1..1]	Rate		775
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		775
	QuotationDate <QtnDt>	[0..1]	DateTime		775
	ValidFrom <VldFr>	[0..1]	DateTime		775
	ValidUntil <VldUntil>	[0..1]	DateTime		775
	SourceCurrency <SrcCcy>	[1..1]			775
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776
	ApplicableBinRange <AplblBinRg>	[0..*]			776
	LowerBin <LwrBin>	[1..1]	Text		777
	HigherBin <HghrBin>	[1..1]	Text		777
	OriginalAmount <OrgnlAmt>	[0..1]			777
	ActualAmount <ActlAmt>	[0..1]	Amount		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777
	CommissionDetails <ComssnDtls>	[0..*]			778
	Amount <Amt>	[1..1]	Amount		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	MarkUpDetails <MrkUpDtls>	[0..*]			778
	Rate <Rate>	[1..1]	Rate		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778
	DeclarationDetails <DclrtDtls>	[0..*]	±		778

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 2454

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	774
	NumericCode <NmrcCd>	[1..1]	Text		774
	Decimal <Dcml>	[1..1]	Quantity		774
	Name <Nm>	[0..1]	Text		774

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

18.4.2.3.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

18.4.2.3.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

18.4.2.3.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	776
	NumericCode <NmrcCd>	[0..1]	Text		776
	Decimal <Dcml>	[0..1]	Quantity		776
	Name <Nm>	[0..1]	Text		776

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

18.4.2.3.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

18.4.2.3.3.10 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		777
	HigherBin <HghrBin>	[1..1]	Text		777

18.4.2.3.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

18.4.2.3.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

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		777
	MinimumAmount <MinAmt>	[0..1]	Amount		777
	MaximumAmount <MaxAmt>	[0..1]	Amount		777

18.4.2.3.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

18.4.2.3.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

18.4.2.3.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

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		778
	AdditionalInformation <AddtlInf>	[0..1]	Text		778

18.4.2.3.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

18.4.2.3.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

19 caaa.018.001.10 AcceptorCurrencyConversionAdviceV10

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 AcceptorCurrencyConversionAdviceV10 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]			785
	MessageFunction <MsgFctn>	[1..1]	CodeSet		786
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		787
	ExchangeIdentification <XchgId>	[1..1]	Quantity		788
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		788
	CreationDateTime <CreDtTm>	[1..1]	DateTime		788
	InitiatingParty <InitgPty>	[1..1]	±		788
	RecipientParty <RcptPty>	[0..1]	±		788
	Traceability <Tracblt>	[0..*]	±		789
	AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv>	[1..1]			789
	Environment <Envt>	[1..1]	±	C4	793
	Transaction <Tx>	[1..1]			799
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		802
	TransactionIdentification <TxId>	[1..1]	±		802
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		802
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		803
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		803
	InterchangeData <IntrchgData>	[0..1]	Text		803
	TransactionDetails <TxDtls>	[1..1]			803
	Currency <Ccy>	[0..1]	CodeSet	C1	806
	TotalAmount <TtlAmt>	[1..1]	Amount		806
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		806
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		806
	DetailedAmount <DtldAmt>	[0..1]	±		806
	RequestedAmount <ReqdAmt>	[0..1]	Amount		807
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		807
	InvoiceAmount <InvcAmt>	[0..1]	Amount		807
	ValidityDate <VldtyDt>	[0..1]	Date		807
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		807

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		808
	AccountType <AcctTp>	[0..1]	CodeSet		808
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			809
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		811
	Conversion <Convs>	[0..1]			811
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813
	ResultingAmount <RsItgAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		814
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <AplblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <DclrtnDtls>	[0..*]	±		817
	Instalment <Instlmt>	[0..*]	±		818
	Recurring <Rcrng>	[0..1]	±		819
	AggregationTransaction <AggtnTx>	[0..1]	±		820
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		820
	SaleItem <Saleitm>	[0..*]	±		820
	DeliveryLocation <DivryLctn>	[0..1]	Text		821
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		821
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		821
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		821
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		822
	AdditionalInformation <AddtlInf>	[0..*]			822
	Identification <Id>	[1..1]	Text		822
	Value <Val>	[0..1]	Binary		822
	ProtectedValue <PrctcdVal>	[0..1]	±		822
	Type <Tp>	[0..1]	Text		823
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		823
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		823
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			823
	ActionType <ActnTp>	[1..1]	CodeSet		823
	MessageToPresent <MsgToPres>	[0..1]	±		825
	RemoteAccess <RmotAccs>	[0..1]	±		825
	Retry <Rtry>	[0..1]	±		826
	TimeCondition <TmCond>	[0..1]	±		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			826
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		828
	Conversion <Convs>	[0..1]			828

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		830
	TargetCurrency <TrgtCcy>	[1..1]			830
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	830
	NumericCode <NmrcCd>	[1..1]	Text		830
	Decimal <Dcml>	[1..1]	Quantity		830
	Name <Nm>	[0..1]	Text		830
	ResultingAmount <RsltAmt>	[0..1]	Amount		831
	ExchangeRate <XchgRate>	[1..1]	Rate		831
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		831
	QuotationDate <QtnDt>	[0..1]	DateTime		831
	ValidFrom <VldFr>	[0..1]	DateTime		831
	ValidUntil <VldUntil>	[0..1]	DateTime		831
	SourceCurrency <SrcCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	832
	NumericCode <NmrcCd>	[0..1]	Text		832
	Decimal <Dcml>	[0..1]	Quantity		832
	Name <Nm>	[0..1]	Text		832
	ApplicableBinRange <AplblBinRg>	[0..*]			832
	LowerBin <LwrBin>	[1..1]	Text		833
	HigherBin <HghrBin>	[1..1]	Text		833
	OriginalAmount <OrgnlAmt>	[0..1]			833
	ActualAmount <ActlAmt>	[0..1]	Amount		833
	MinimumAmount <MinAmt>	[0..1]	Amount		833
	MaximumAmount <MaxAmt>	[0..1]	Amount		833
	CommissionDetails <ComssnDtls>	[0..*]			834
	Amount <Amt>	[1..1]	Amount		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	MarkUpDetails <MrkUpDtls>	[0..*]			834
	Rate <Rate>	[1..1]	Rate		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	DeclarationDetails <DclrtnDtls>	[0..*]	±		834

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityTrailer <SctyTrlr>	[0..1]	±		835

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		786
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		787
	ExchangeIdentification <XchgId>	[1..1]	Quantity		788
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		788
	CreationDateTime <CreDtTm>	[1..1]	DateTime		788
	InitiatingParty <InitgPty>	[1..1]	±		788
	RecipientParty <RcptPty>	[0..1]	±		788
	Traceability <Tracblt>	[0..*]	±		789

19.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

19.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

19.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

19.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

19.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsvAdv>

Presence: [1..1]

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

AcceptorCurrencyConversionAdvice <AccepTrCcyConvsAdv> contains the following
AcceptorCurrencyConversionAdvice10 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[1..1]	±	C4	793
	Transaction <Tx>	[1..1]			799
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		802
	TransactionIdentification <TxId>	[1..1]	±		802
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		802
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		803
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		803
	InterchangeData <IntrchnngData>	[0..1]	Text		803
	TransactionDetails <TxDtls>	[1..1]			803
	Currency <Ccy>	[0..1]	CodeSet	C1	806
	TotalAmount <TtlAmt>	[1..1]	Amount		806
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		806
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		806
	DetailedAmount <DtldAmt>	[0..1]	±		806
	RequestedAmount <ReqdAmt>	[0..1]	Amount		807
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		807
	InvoiceAmount <InvcAmt>	[0..1]	Amount		807
	ValidityDate <VldtyDt>	[0..1]	Date		807
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		807
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		808
	AccountType <AcctTp>	[0..1]	CodeSet		808
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			809
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		811
	Conversion <Convs>	[0..1]			811
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		814
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <AplblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <Dclrtndtls>	[0..*]	±		817
	Instalment <Instlmt>	[0..*]	±		818
	Recurring <Rcrng>	[0..1]	±		819
	AggregationTransaction <AggtnTx>	[0..1]	±		820
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		820
	SaleItem <Saleitm>	[0..*]	±		820
	DeliveryLocation <DlvryLctn>	[0..1]	Text		821

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		821
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		821
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		821
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		822
	AdditionalInformation <AddtlInf>	[0..*]			822
	Identification <Id>	[1..1]	Text		822
	Value <Val>	[0..1]	Binary		822
	ProtectedValue <PrctcdVal>	[0..1]	±		822
	Type <Tp>	[0..1]	Text		823
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		823
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		823
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			823
	ActionType <ActnTp>	[1..1]	CodeSet		823
	MessageToPresent <MsgToPres>	[0..1]	±		825
	RemoteAccess <RmotAccs>	[0..1]	±		825
	Retry <Rtry>	[0..1]	±		826
	TimeCondition <TmCond>	[0..1]	±		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			826
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		828
	Conversion <Convs>	[0..1]			828
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		830
	TargetCurrency <TrgtCcy>	[1..1]			830
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	830
	NumericCode <NmrcCd>	[1..1]	Text		830
	Decimal <Dcml>	[1..1]	Quantity		830
	Name <Nm>	[0..1]	Text		830
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		831
	ExchangeRate <XchgRate>	[1..1]	Rate		831
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		831
	QuotationDate <QtnDt>	[0..1]	DateTime		831
	ValidFrom <VldFr>	[0..1]	DateTime		831

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		831
	SourceCurrency <SrcCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	832
	NumericCode <NmrcCd>	[0..1]	Text		832
	Decimal <Dcml>	[0..1]	Quantity		832
	Name <Nm>	[0..1]	Text		832
	ApplicableBinRange <AplblBinRg>	[0..*]			832
	LowerBin <LwrBin>	[1..1]	Text		833
	HigherBin <HghrBin>	[1..1]	Text		833
	OriginalAmount <OrgnlAmt>	[0..1]			833
	ActualAmount <ActlAmt>	[0..1]	Amount		833
	MinimumAmount <MinAmt>	[0..1]	Amount		833
	MaximumAmount <MaxAmt>	[0..1]	Amount		833
	CommissionDetails <ComssnDtls>	[0..*]			834
	Amount <Amt>	[1..1]	Amount		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	MarkUpDetails <MrkUpDtls>	[0..*]			834
	Rate <Rate>	[1..1]	Rate		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	DeclarationDetails <DclrtnDtls>	[0..*]	±		834

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **CardPaymentTransaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		802
	TransactionIdentification <TxId>	[1..1]	±		802
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		802
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		803
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		803
	InterchangeData <IntrchgData>	[0..1]	Text		803
	TransactionDetails <TxDtIs>	[1..1]			803
	Currency <Ccy>	[0..1]	CodeSet	C1	806
	TotalAmount <TtlAmt>	[1..1]	Amount		806
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		806
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		806
	DetailedAmount <DtlAmt>	[0..1]	±		806
	RequestedAmount <ReqdAmt>	[0..1]	Amount		807
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		807
	InvoiceAmount <InvcAmt>	[0..1]	Amount		807
	ValidityDate <VldtyDt>	[0..1]	Date		807
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		807
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		808
	AccountType <AcctTp>	[0..1]	CodeSet		808
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			809
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		811
	Conversion <Convs>	[0..1]			811
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813
	ResultingAmount <RsItgAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		814

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <AplblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <DclrtDtls>	[0..*]	±		817
	Instalment <Instlmt>	[0..*]	±		818
	Recurring <Rcrng>	[0..1]	±		819
	AggregationTransaction <AggtnTx>	[0..1]	±		820
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		820
	SaleItem <Saleitm>	[0..*]	±		820
	DeliveryLocation <DlvryLctn>	[0..1]	Text		821
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		821
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		821
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		821

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		822
	AdditionalInformation <AddtlInf>	[0..*]			822
	Identification <Id>	[1..1]	Text		822
	Value <Val>	[0..1]	Binary		822
	ProtectedValue <PrctcdVal>	[0..1]	±		822
	Type <Tp>	[0..1]	Text		823
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		823
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		823
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			823
	ActionType <ActnTp>	[1..1]	CodeSet		823
	MessageToPresent <MsgToPres>	[0..1]	±		825
	RemoteAccess <RmotAccs>	[0..1]	±		825
	Retry <Rtry>	[0..1]	±		826
	TimeCondition <TmCond>	[0..1]	±		826

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

19.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

19.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	806
	TotalAmount <TtlAmt>	[1..1]	Amount		806
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		806
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		806
	DetailedAmount <DtldAmt>	[0..1]	±		806
	RequestedAmount <ReqdAmt>	[0..1]	Amount		807
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		807
	InvoiceAmount <InvcAmt>	[0..1]	Amount		807
	ValidityDate <VldtyDt>	[0..1]	Date		807
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		807
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		808
	AccountType <AcctTp>	[0..1]	CodeSet		808
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			809
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		811
	Conversion <Convs>	[0..1]			811
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813
	ResultingAmount <RsltgAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		814
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <ApblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <DclrtDtls>	[0..*]	±		817
	Instalment <Instlmt>	[0..*]	±		818
	Recurring <Rcrng>	[0..1]	±		819
	AggregationTransaction <AggtTx>	[0..1]	±		820
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		820
	SaleItem <SaleItm>	[0..*]	±		820
	DeliveryLocation <DivryLctn>	[0..1]	Text		821
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		821
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		821
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		821
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		822
	AdditionalInformation <AddtlInf>	[0..*]			822
	Identification <Id>	[1..1]	Text		822
	Value <Val>	[0..1]	Binary		822
	ProtectedValue <PrctcdVal>	[0..1]	±		822
	Type <Tp>	[0..1]	Text		823
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		823

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

19.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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

19.4.2.2.7.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

19.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

19.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

19.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

19.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

19.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		811
	Conversion <Convs>	[0..1]			811
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		814
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <AplblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <DclrtnDtls>	[0..*]	±		817

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		813
	TargetCurrency <TrgtCcy>	[1..1]			813
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813
	ResultingAmount <RsltAmt>	[0..1]	Amount		814
	ExchangeRate <XchgRate>	[1..1]	Rate		814
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		814
	QuotationDate <QtnDt>	[0..1]	DateTime		814
	ValidFrom <VldFr>	[0..1]	DateTime		814
	ValidUntil <VldUntil>	[0..1]	DateTime		814
	SourceCurrency <SrcCcy>	[1..1]			814
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ApplicableBinRange <AplblBinRg>	[0..*]			815
	LowerBin <LwrBin>	[1..1]	Text		816
	HigherBin <HghrBin>	[1..1]	Text		816
	OriginalAmount <OrgnlAmt>	[0..1]			816
	ActualAmount <ActlAmt>	[0..1]	Amount		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816
	CommissionDetails <ComssnDtls>	[0..*]			817
	Amount <Amt>	[1..1]	Amount		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	MarkUpDetails <MrkUpDtls>	[0..*]			817
	Rate <Rate>	[1..1]	Rate		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817
	DeclarationDetails <DclrtDtls>	[0..*]	±		817

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 2454

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	813
	NumericCode <NmrcCd>	[1..1]	Text		813
	Decimal <Dcml>	[1..1]	Quantity		813
	Name <Nm>	[0..1]	Text		813

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

19.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

19.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	815
	NumericCode <NmrcCd>	[0..1]	Text		815
	Decimal <Dcml>	[0..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

19.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		816
	HigherBin <HghrBin>	[1..1]	Text		816

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 2452

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 2452

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		816
	MinimumAmount <MinAmt>	[0..1]	Amount		816
	MaximumAmount <MaxAmt>	[0..1]	Amount		816

19.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817

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 2384

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 2454

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		817
	AdditionalInformation <AddtlInf>	[0..1]	Text		817

19.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

19.4.2.2.7.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

19.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		822
	Value <Val>	[0..1]	Binary		822
	ProtectedValue <PrtctdVal>	[0..1]	±		822
	Type <Tp>	[0..1]	Text		823

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

19.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

19.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2456

19.4.2.2.9 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		823
	MessageToPresent <MsgToPres>	[0..1]	±		825
	RemoteAccess <RmotAccs>	[0..1]	±		825
	Retry <Rtry>	[0..1]	±		826
	TimeCondition <TmCond>	[0..1]	±		826

19.4.2.2.9.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

19.4.2.2.9.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

19.4.2.2.9.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

19.4.2.2.9.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

19.4.2.2.9.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		828
	Conversion <Convs>	[0..1]			828
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		830
	TargetCurrency <TrgtCcy>	[1..1]			830
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	830
	NumericCode <NmrcCd>	[1..1]	Text		830
	Decimal <Dcml>	[1..1]	Quantity		830
	Name <Nm>	[0..1]	Text		830
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		831
	ExchangeRate <XchgRate>	[1..1]	Rate		831
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		831
	QuotationDate <QtnDt>	[0..1]	DateTime		831
	ValidFrom <VldFr>	[0..1]	DateTime		831
	ValidUntil <VldUntil>	[0..1]	DateTime		831
	SourceCurrency <SrcCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	832
	NumericCode <NmrcCd>	[0..1]	Text		832
	Decimal <Dcml>	[0..1]	Quantity		832
	Name <Nm>	[0..1]	Text		832
	ApplicableBinRange <AplblBinRg>	[0..*]			832
	LowerBin <LwrBin>	[1..1]	Text		833
	HigherBin <HghrBin>	[1..1]	Text		833
	OriginalAmount <OrgnlAmt>	[0..1]			833
	ActualAmount <ActlAmt>	[0..1]	Amount		833
	MinimumAmount <MinAmt>	[0..1]	Amount		833
	MaximumAmount <MaxAmt>	[0..1]	Amount		833
	CommissionDetails <ComssnDtls>	[0..*]			834
	Amount <Amt>	[1..1]	Amount		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	MarkUpDetails <MrkUpDtls>	[0..*]			834

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	DeclarationDetails <DclrtnDtls>	[0..*]	±		834

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		830
	TargetCurrency <TrgtCcy>	[1..1]			830
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	830
	NumericCode <NmrcCd>	[1..1]	Text		830
	Decimal <Dcml>	[1..1]	Quantity		830
	Name <Nm>	[0..1]	Text		830
	ResultingAmount <RsltAmt>	[0..1]	Amount		831
	ExchangeRate <XchgRate>	[1..1]	Rate		831
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		831
	QuotationDate <QtnDt>	[0..1]	DateTime		831
	ValidFrom <VldFr>	[0..1]	DateTime		831
	ValidUntil <VldUntil>	[0..1]	DateTime		831
	SourceCurrency <SrcCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	832
	NumericCode <NmrcCd>	[0..1]	Text		832
	Decimal <Dcml>	[0..1]	Quantity		832
	Name <Nm>	[0..1]	Text		832
	ApplicableBinRange <AplblBinRg>	[0..*]			832
	LowerBin <LwrBin>	[1..1]	Text		833
	HigherBin <HghrBin>	[1..1]	Text		833
	OriginalAmount <OrgnlAmt>	[0..1]			833
	ActualAmount <ActlAmt>	[0..1]	Amount		833
	MinimumAmount <MinAmt>	[0..1]	Amount		833
	MaximumAmount <MaxAmt>	[0..1]	Amount		833
	CommissionDetails <ComssnDtls>	[0..*]			834
	Amount <Amt>	[1..1]	Amount		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	MarkUpDetails <MrkUpDtls>	[0..*]			834
	Rate <Rate>	[1..1]	Rate		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834
	DeclarationDetails <DclrtDtls>	[0..*]	±		834

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 2454

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	830
	NumericCode <NmrcCd>	[1..1]	Text		830
	Decimal <Dcml>	[1..1]	Quantity		830
	Name <Nm>	[0..1]	Text		830

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

19.4.2.3.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

19.4.2.3.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2450

19.4.2.3.2.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2450

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 2447

19.4.2.3.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

19.4.2.3.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	832
	NumericCode <NmrcCd>	[0..1]	Text		832
	Decimal <Dcml>	[0..1]	Quantity		832
	Name <Nm>	[0..1]	Text		832

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

19.4.2.3.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		833
	HigherBin <HghrBin>	[1..1]	Text		833

19.4.2.3.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

19.4.2.3.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

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		833
	MinimumAmount <MinAmt>	[0..1]	Amount		833
	MaximumAmount <MaxAmt>	[0..1]	Amount		833

19.4.2.3.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834

19.4.2.3.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

19.4.2.3.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

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		834
	AdditionalInformation <AddtlInf>	[0..1]	Text		834

19.4.2.3.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

19.4.2.3.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

20 caaa.019.001.09

AcceptorCurrencyConversionAdviceResponseV09

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 AcceptorCurrencyConversionAdviceResponseV09 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]			838
	MessageFunction <MsgFctn>	[1..1]	CodeSet		838
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		840
	ExchangeIdentification <XchgId>	[1..1]	Quantity		840
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		840
	CreationDateTime <CreDtTm>	[1..1]	DateTime		840
	InitiatingParty <InitgPty>	[1..1]	±		840
	RecipientParty <RcptPty>	[0..1]	±		841
	Traceability <Tracblt>	[0..*]	±		841
	CurrencyConversionAdviceResponse <CcyConvsAdvRspn>	[1..1]			842
	Environment <Envt>	[1..1]	±	C3	842
	Transaction <Tx>	[1..1]			848
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		849
	TransactionIdentification <TxId>	[1..1]	±		849
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		849
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		849
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		849
	Response <Rspn>	[1..1]	CodeSet		850
	TMSTrigger <TMSTrggr>	[0..1]			850
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		850
	TMSIdentification <TMSId>	[0..1]	Text		850
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		851
	SecurityTrailer <SctyTrlr>	[0..1]	±		851

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		838
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		840
	ExchangeIdentification <XchgId>	[1..1]	Quantity		840
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		840
	CreationDateTime <CreDtTm>	[1..1]	DateTime		840
	InitiatingParty <InitgPty>	[1..1]	±		840
	RecipientParty <RcptPty>	[0..1]	±		841
	Traceability <Tracblt>	[0..*]	±		841

20.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

20.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

20.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

20.4.2 CurrencyConversionAdviceResponse <CcyConvsAdvcRspn>

Presence: [1..1]

Definition: Information related to the currency conversion advice response.

CurrencyConversionAdviceResponse <CcyConvsAdvcRspn> contains the following
AcceptorCancellationAdviceResponse14 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	842
	Transaction <Tx>	[1..1]			848
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		849
	TransactionIdentification <TxId>	[1..1]	±		849
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		849
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		849
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		849
	Response <Rspn>	[1..1]	CodeSet		850
	TMSTrigger <TMSTrggr>	[0..1]			850
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		850
	TMSIdentification <TMSId>	[0..1]	Text		850
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		851

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		849
	TransactionIdentification <TxId>	[1..1]	±		849
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		849
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		849
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		849
	Response <Rspn>	[1..1]	CodeSet		850

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

20.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		850
	TMSIdentification <TMSId>	[0..1]	Text		850
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		851

20.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

20.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

21 caaa.020.001.07 TransactionAdviceV07

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 TransactionAdviceV07 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> <TxAdvc>	[1..1]			
	Header <Hdr>	[1..1]			861
	MessageFunction <MsgFctn>	[1..1]	CodeSet		861
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		863
	ExchangeIdentification <XchgId>	[1..1]	Quantity		863
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		863
	CreationDateTime <CreDtTm>	[1..1]	DateTime		863
	InitiatingParty <InitgPty>	[1..1]	±		863
	RecipientParty <RcptPty>	[0..1]	±		864
	Traceability <Tracblt>	[0..*]	±		864
	TransactionAdvice <TxAdvc>	[1..1]			865
	Environment <Envt>	[1..1]	±	C9	872
	Context <Cntxt>	[0..1]		C10	878
	PaymentContext <PmtCntxt>	[0..1]			881
	CardPresent <CardPres>	[0..1]	Indicator		881
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		881
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		882
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		882
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		882
	TransactionChannel <TxChanl>	[0..1]	CodeSet		882
	BusinessArea <BizArea>	[0..1]	CodeSet		883
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		883
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	883
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		884
	FallbackIndicator <FlbkInd>	[0..1]	CodeSet		884
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		885
	SaleContext <SaleCntxt>	[0..1]			885
	SaleIdentification <SaleId>	[0..1]	Text		886
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		886
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		887

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrlId>	[0..1]	Text		887
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	887
	ShiftNumber <ShftNb>	[0..1]	Text		887
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		887
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		887
	InvoiceNumber <InvcNb>	[0..1]	Text		887
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		888
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			888
	CommonName <CmonNm>	[1..1]	Text		888
	Address <Adr>	[0..1]	Text		888
	CountryCode <CtryCd>	[1..1]	CodeSet		888
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		888
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		888
	SplitPayment <SplitPmt>	[0..1]	Indicator		889
	RemainingAmount <RmngAmt>	[0..1]	Amount		889
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		889
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		889
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		889
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		890
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		890
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	890
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		891
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		891
	SystemToNotify <SysToNtfy>	[0..1]	Text		891
	Debtor <Dbtr>	[0..1]	±		892
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	893
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		893
	Creditor <Cdtr>	[0..1]	±		893
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	894
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		895
	DirectDebitContext <DrctDbtCntxt>	[0..1]			895

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		896
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	897
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	899
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		900
	MandateRelatedInformation <MndtRltdInf>	[1..1]			900
	MandateIdentification <MndtId>	[1..1]	Text		901
	DateOfSignature <DtOfSgntr>	[0..1]	Date		901
	MandateImage <MndtImg>	[0..1]	Binary		901
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		901
	Transaction <Tx>	[1..1]			901
	TransactionCapture <TxCaptr>	[0..1]	Indicator		906
	TransactionType <TxTp>	[0..1]	CodeSet		906
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		907
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		908
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		908
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		908
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		909
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		909
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		909
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		909
	TransactionIdentification <TxId>	[1..1]	±		909
	OriginalTransaction <OrgnlTx>	[0..1]	±		910
	TransactionSuccess <TxSucss>	[1..1]	Indicator		910
	Reversal <Rvs/>	[0..1]	Indicator		911
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		911
	FailureReason <FailrRsn>	[0..*]	CodeSet		911
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		912
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		912
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		912

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InterchangeData <IntrchgData>	[0..1]	Text		912
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		912
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		912
	TransactionDetails <TxDtls>	[1..1]			913
	Currency <Ccy>	[0..1]	CodeSet	C1	916
	TotalAmount <TtlAmt>	[1..1]	Amount		916
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		916
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		916
	DetailedAmount <DtlAmt>	[0..1]	±		916
	RequestedAmount <ReqdAmt>	[0..1]	Amount		917
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		917
	InvoiceAmount <InvcAmt>	[0..1]	Amount		917
	ValidityDate <VldtyDt>	[0..1]	Date		917
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		917
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		918
	AccountType <AcctTp>	[0..1]	CodeSet		918
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			919
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		921
	Conversion <Convs>	[0..1]			921
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltgAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtDtls>	[0..*]	±		927
	Instalment <Instlmt>	[0..*]	±		928
	Recurring <Rcrng>	[0..1]	±		929
	AggregationTransaction <AggtnTx>	[0..1]	±		930
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		930
	SaleItem <Saleitm>	[0..*]	±		930
	DeliveryLocation <DivryLctn>	[0..1]	Text		931
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		931
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		931
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		931
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		932
	AdditionalInformation <AddtlInf>	[0..*]			932
	Identification <Id>	[1..1]	Text		932

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		932
	ProtectedValue <PrctcdVal>	[0..1]	±		932
	Type <Tp>	[0..1]	Text		933
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		933
	AuthorisationResult <AuthstnRslt>	[0..1]			933
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		933
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			934
	Response <Rspn>	[1..1]	CodeSet		934
	ResponseReason <RspnRsn>	[0..1]	Text		934
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		935
	AuthorisationCode <AuthstnCd>	[0..1]	Text		935
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		935
	AccountFrom <AcctFr>	[0..1]			935
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		936
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		937
	AccountName <AcctNm>	[0..1]	Text		937
	AccountOwner <AcctOwnr>	[0..1]			938
	Name <Nm>	[1..1]	Text		938
	Address <Adr>	[1..1]	±		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	AccountIdentifier <Acctldr>	[0..1]			939
{Or	Card <Card>	[1..1]	Text		939
Or	MSISDN <MSISDN>	[1..1]	Text		939
Or	EMail <EMail>	[1..1]	Text		939
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	939
Or	BBAN <BBAN>	[1..1]	IdentifierSet		940
Or	UPIC <UPIC>	[1..1]	IdentifierSet		940
Or	Domestic <Dmst>	[1..1]	Text		940
Or}	Other <Othr>	[1..1]	Text		940
	Servicer <Svcr>	[0..1]			940
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	941

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		941
	AccountTo <AcctTo>	[0..1]			941
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		942
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		943
	AccountName <AcctNm>	[0..1]	Text		943
	AccountOwner <AcctOwnr>	[0..1]			944
	Name <Nm>	[1..1]	Text		944
	Address <Adr>	[1..1]	±		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	AccountIdentifier <AcctIdr>	[0..1]			945
{Or	Card <Card>	[1..1]	Text		945
Or	MSISDN <MSISDN>	[1..1]	Text		945
Or	EMail <EMail>	[1..1]	Text		945
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	945
Or	BBAN <BBAN>	[1..1]	IdentifierSet		946
Or	UPIC <UPIC>	[1..1]	IdentifierSet		946
Or	Domestic <Dmst>	[1..1]	Text		946
Or}	Other <Othr>	[1..1]	Text		946
	Servicer <Svcr>	[0..1]			946
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	947
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		947
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		947
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			947
	ActionType <ActnTp>	[1..1]	CodeSet		948
	MessageToPresent <MsgToPres>	[0..1]	±		949
	RemoteAccess <RmotAccs>	[0..1]	±		950
	Retry <Rtry>	[0..1]	±		950
	TimeCondition <TmCond>	[0..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C12	951
	SecurityTrailer <SctyTrlr>	[0..1]	±		951

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		861
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		863
	ExchangeIdentification <XchgId>	[1..1]	Quantity		863
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		863
	CreationDateTime <CreDtTm>	[1..1]	DateTime		863
	InitiatingParty <InitgPty>	[1..1]	±		863
	RecipientParty <RcptPty>	[0..1]	±		864
	Traceability <Tracblt>	[0..*]	±		864

21.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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

CodeName	Name	Definition
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.

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

21.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

21.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

21.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

21.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

21.4.2 TransactionAdvice <TxAdvc>

Presence: [1..1]

Definition: Information related to the outcome of the transaction.

TransactionAdvice <TxAdv> contains the following **AcceptorCompletionAdvice15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	872
	Context <Cntxt>	[0..1]		C10	878
	PaymentContext <PmtCntxt>	[0..1]			881
	CardPresent <CardPres>	[0..1]	Indicator		881
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		881
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		882
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		882
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		882
	TransactionChannel <TxChanl>	[0..1]	CodeSet		882
	BusinessArea <BizArea>	[0..1]	CodeSet		883
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		883
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	883
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		884
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		884
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		885
	SaleContext <SaleCntxt>	[0..1]			885
	SaleIdentification <SaleId>	[0..1]	Text		886
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		886
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		887
	CashierIdentification <CshrlId>	[0..1]	Text		887
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	887
	ShiftNumber <ShftNb>	[0..1]	Text		887
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		887
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		887
	InvoiceNumber <InvNb>	[0..1]	Text		887
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		888
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			888
	CommonName <CmonNm>	[1..1]	Text		888
	Address <Adr>	[0..1]	Text		888
	CountryCode <CtryCd>	[1..1]	CodeSet		888
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		888

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		888
	SplitPayment <SpltPmt>	[0..1]	Indicator		889
	RemainingAmount <RmngAmt>	[0..1]	Amount		889
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		889
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		889
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		889
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		890
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		890
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	890
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		891
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		891
	SystemToNotify <SysToNtfy>	[0..1]	Text		891
	Debtor <Dbtr>	[0..1]	±		892
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	893
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		893
	Creditor <Cdtr>	[0..1]	±		893
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	894
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		895
	DirectDebitContext <DrctDbtCntxt>	[0..1]			895
	Debtor <Dbtr>	[0..1]	±		896
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	897
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		900
	MandateRelatedInformation <MndtRltdInf>	[1..1]			900
	MandateIdentification <MndtId>	[1..1]	Text		901
	DateOfSignature <DtOfSgntr>	[0..1]	Date		901
	MandateImage <MndtImg>	[0..1]	Binary		901
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		901
	Transaction <Tx>	[1..1]			901

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		906
	TransactionType <TxTp>	[0..1]	CodeSet		906
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		907
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		908
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		908
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		908
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		909
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		909
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		909
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		909
	TransactionIdentification <TxId>	[1..1]	±		909
	OriginalTransaction <OrgnlTx>	[0..1]	±		910
	TransactionSuccess <TxSucss>	[1..1]	Indicator		910
	Reversal <Rvsl>	[0..1]	Indicator		911
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		911
	FailureReason <FailRsn>	[0..*]	CodeSet		911
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		912
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		912
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		912
	InterchangeData <IntrchnngData>	[0..1]	Text		912
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		912
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		912
	TransactionDetails <TxDtls>	[1..1]			913
	Currency <Ccy>	[0..1]	CodeSet	C1	916
	TotalAmount <TtlAmt>	[1..1]	Amount		916
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		916
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		916
	DetailedAmount <DtldAmt>	[0..1]	±		916
	RequestedAmount <ReqdAmt>	[0..1]	Amount		917
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		917
	InvoiceAmount <InvcAmt>	[0..1]	Amount		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		917
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		917
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		918
	AccountType <AcctTp>	[0..1]	CodeSet		918
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			919
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		921
	Conversion <Convs>	[0..1]			921
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtnDtls>	[0..*]	±		927
	Instalment <Instlmt>	[0..*]	±		928
	Recurring <Rcrng>	[0..1]	±		929
	AggregationTransaction <AggtnTx>	[0..1]	±		930
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		930
	SaleItem <Saleitm>	[0..*]	±		930
	DeliveryLocation <DlvryLctn>	[0..1]	Text		931
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		931
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		931
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		931
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		932
	AdditionalInformation <AddtlInf>	[0..*]			932
	Identification <Id>	[1..1]	Text		932
	Value <Val>	[0..1]	Binary		932
	ProtectedValue <PrctcdVal>	[0..1]	±		932
	Type <Tp>	[0..1]	Text		933
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		933
	AuthorisationResult <AuthstnRslt>	[0..1]			933
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		933
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			934
	Response <Rspn>	[1..1]	CodeSet		934
	ResponseReason <RspnRsn>	[0..1]	Text		934
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		935
	AuthorisationCode <AuthstnCd>	[0..1]	Text		935
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		935

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			935
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		936
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		937
	AccountName <AcctNm>	[0..1]	Text		937
	AccountOwner <AcctOwnr>	[0..1]			938
	Name <Nm>	[1..1]	Text		938
	Address <Adr>	[1..1]	±		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	AccountIdentifier <AcctIdr>	[0..1]			939
{Or	Card <Card>	[1..1]	Text		939
Or	MSISDN <MSISDN>	[1..1]	Text		939
Or	EMail <EMail>	[1..1]	Text		939
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	939
Or	BBAN <BBAN>	[1..1]	IdentifierSet		940
Or	UPIC <UPIC>	[1..1]	IdentifierSet		940
Or	Domestic <Dmst>	[1..1]	Text		940
Or}	Other <Othr>	[1..1]	Text		940
	Servicer <Svcr>	[0..1]			940
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	941
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		941
	AccountTo <AcctTo>	[0..1]			941
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		942
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		943
	AccountName <AcctNm>	[0..1]	Text		943
	AccountOwner <AcctOwnr>	[0..1]			944
	Name <Nm>	[1..1]	Text		944
	Address <Adr>	[1..1]	±		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	AccountIdentifier <AcctIdr>	[0..1]			945
{Or	Card <Card>	[1..1]	Text		945
Or	MSISDN <MSISDN>	[1..1]	Text		945

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		945
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	945
Or	BBAN <BBAN>	[1..1]	IdentifierSet		946
Or	UPIC <UPIC>	[1..1]	IdentifierSet		946
Or	Domestic <Dmst>	[1..1]	Text		946
Or}	Other <Othr>	[1..1]	Text		946
	Servicer <Svcr>	[0..1]			946
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	947
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		947
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		947
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			947
	ActionType <ActnTp>	[1..1]	CodeSet		948
	MessageToPresent <MsgToPres>	[0..1]	±		949
	RemoteAccess <RmotAccs>	[0..1]	±		950
	Retry <Rtry>	[0..1]	±		950
	TimeCondition <TmCond>	[0..1]	±		950
	SupplementaryData <SplmtryData>	[0..*]	±	C12	951

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrhdldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			881
	CardPresent <CardPres>	[0..1]	Indicator		881
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		881
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		882
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		882
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		882
	TransactionChannel <TxChanl>	[0..1]	CodeSet		882
	BusinessArea <BizArea>	[0..1]	CodeSet		883
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		883
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	883
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		884
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		884
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		885
	SaleContext <SaleCntxt>	[0..1]			885
	SaleIdentification <SaleId>	[0..1]	Text		886
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		886
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		887
	CashierIdentification <CshrId>	[0..1]	Text		887
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	887
	ShiftNumber <ShftNb>	[0..1]	Text		887
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		887
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		887
	InvoiceNumber <InvNb>	[0..1]	Text		887
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		888
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			888
	CommonName <CmonNm>	[1..1]	Text		888
	Address <Adr>	[0..1]	Text		888
	CountryCode <CtryCd>	[1..1]	CodeSet		888
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		888
	RegisteredIdentifier <Regldr>	[1..1]	Text		888
	SplitPayment <SpltPmt>	[0..1]	Indicator		889

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		889
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		889
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		889
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		889
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		890
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		890
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	890
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		891
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		891
	SystemToNotify <SysToNtfy>	[0..1]	Text		891
	Debtor <Dbtr>	[0..1]	±		892
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	893
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		893
	Creditor <Cdtr>	[0..1]	±		893
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	894
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		895
	DirectDebitContext <DrctDbtCntxt>	[0..1]			895
	Debtor <Dbtr>	[0..1]	±		896
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	897
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		900
	MandateRelatedInformation <MndtRltdInf>	[1..1]			900
	MandateIdentification <Mndtld>	[1..1]	Text		901
	DateOfSignature <DtOfSgntr>	[0..1]	Date		901
	MandateImage <Mndtlmg>	[0..1]	Binary		901
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		901

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		881
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		881
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		882
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		882
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		882
	TransactionChannel <TxChanl>	[0..1]	CodeSet		882
	BusinessArea <BizArea>	[0..1]	CodeSet		883
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		883
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	883
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		884
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		884
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		885

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		886
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		886
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		887
	CashierIdentification <CshrId>	[0..1]	Text		887
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	887
	ShiftNumber <ShftNb>	[0..1]	Text		887
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		887
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		887
	InvoiceNumber <InvcNb>	[0..1]	Text		887
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		888
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			888
	CommonName <CmonNm>	[1..1]	Text		888
	Address <Adr>	[0..1]	Text		888
	CountryCode <CtryCd>	[1..1]	CodeSet		888
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		888
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		888
	SplitPayment <Spltpmt>	[0..1]	Indicator		889
	RemainingAmount <RmngAmt>	[0..1]	Amount		889
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		889
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		889
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		889
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		890
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		890

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 2454

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 2454

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 2454

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 2454

21.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

21.4.2.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		888
	Address <Adr>	[0..1]	Text		888
	CountryCode <CtryCd>	[1..1]	CodeSet		888
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		888
	RegisteredIdentifier <Regldr>	[1..1]	Text		888

21.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

21.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

21.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

21.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		891
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		891
	SystemToNotify <SysToNtfy>	[0..1]	Text		891
	Debtor <Dbtr>	[0..1]	±		892
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	893
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		893
	Creditor <Cdtr>	[0..1]	±		893
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	894
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		895

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		896
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	897
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	899
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		900
	MandateRelatedInformation <MndtRltdInf>	[1..1]			900
	MandateIdentification <MndtId>	[1..1]	Text		901
	DateOfSignature <DtOfSgntr>	[0..1]	Date		901
	MandateImage <MndtImg>	[0..1]	Binary		901
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		901

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		901
	DateOfSignature <DtOfSgntr>	[0..1]	Date		901
	MandateImage <MndtImg>	[0..1]	Binary		901
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		901

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 2454

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 2447

21.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

21.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following CardPaymentTransaction147 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		906
	TransactionType <TxTp>	[0..1]	CodeSet		906
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		907
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		908
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		908
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		908
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		909
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		909
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		909
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		909
	TransactionIdentification <TxId>	[1..1]	±		909
	OriginalTransaction <OrgnlTx>	[0..1]	±		910
	TransactionSuccess <TxSucss>	[1..1]	Indicator		910
	Reversal <Rvs/ >	[0..1]	Indicator		911
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		911
	FailureReason <FailrRsn>	[0..*]	CodeSet		911
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		912
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		912
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		912
	InterchangeData <IntrchnngData>	[0..1]	Text		912
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		912
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		912
	TransactionDetails <TxDtls>	[1..1]			913
	Currency <Ccy>	[0..1]	CodeSet	C1	916
	TotalAmount <TtlAmt>	[1..1]	Amount		916
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		916
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		916
	DetailedAmount <DtlAmt>	[0..1]	±		916
	RequestedAmount <ReqdAmt>	[0..1]	Amount		917
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		917
	InvoiceAmount <InvAmt>	[0..1]	Amount		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		917
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		917
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		918
	AccountType <AcctTp>	[0..1]	CodeSet		918
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			919
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		921
	Conversion <Convs>	[0..1]			921
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtDtls>	[0..*]	±		927
	Instalment <Instlmt>	[0..*]	±		928
	Recurring <Rcrng>	[0..1]	±		929
	AggregationTransaction <AggtnTx>	[0..1]	±		930
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		930
	SaleItem <Saleitm>	[0..*]	±		930
	DeliveryLocation <DlvryLctn>	[0..1]	Text		931
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		931
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		931
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		931
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		932
	AdditionalInformation <AddtlInf>	[0..*]			932
	Identification <Id>	[1..1]	Text		932
	Value <Val>	[0..1]	Binary		932
	ProtectedValue <PrctcdVal>	[0..1]	±		932
	Type <Tp>	[0..1]	Text		933
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		933
	AuthorisationResult <AuthstnRslt>	[0..1]			933
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		933
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			934
	Response <Rspn>	[1..1]	CodeSet		934
	ResponseReason <RspnRsn>	[0..1]	Text		934
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		935
	AuthorisationCode <AuthstnCd>	[0..1]	Text		935
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		935

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			935
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		936
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		937
	AccountName <AcctNm>	[0..1]	Text		937
	AccountOwner <AcctOwnr>	[0..1]			938
	Name <Nm>	[1..1]	Text		938
	Address <Adr>	[1..1]	±		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	AccountIdentifier <AcctIdr>	[0..1]			939
{Or	Card <Card>	[1..1]	Text		939
Or	MSISDN <MSISDN>	[1..1]	Text		939
Or	EMail <EMail>	[1..1]	Text		939
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	939
Or	BBAN <BBAN>	[1..1]	IdentifierSet		940
Or	UPIC <UPIC>	[1..1]	IdentifierSet		940
Or	Domestic <Dmst>	[1..1]	Text		940
Or}	Other <Othr>	[1..1]	Text		940
	Servicer <Svcr>	[0..1]			940
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	941
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		941
	AccountTo <AcctTo>	[0..1]			941
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		942
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		943
	AccountName <AcctNm>	[0..1]	Text		943
	AccountOwner <AcctOwnr>	[0..1]			944
	Name <Nm>	[1..1]	Text		944
	Address <Adr>	[1..1]	±		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	AccountIdentifier <AcctIdr>	[0..1]			945
{Or	Card <Card>	[1..1]	Text		945
Or	MSISDN <MSISDN>	[1..1]	Text		945

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		945
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	945
Or	B BAN <BBAN>	[1..1]	IdentifierSet		946
Or	U PIC <UPIC>	[1..1]	IdentifierSet		946
Or	D omestic <Dmst>	[1..1]	Text		946
Or}	O ther <Othr>	[1..1]	Text		946
	S ervicer <Svcr>	[0..1]			946
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	947
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		947
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		947
	M essageFromMerchant <MsgFrMrchnt>	[0..*]			947
	A ctionType <ActnTp>	[1..1]	CodeSet		948
	M essageToPresent <MsgToPres>	[0..1]	±		949
	R emoteAccess <RmotAccs>	[0..1]	±		950
	R etry <Rtry>	[0..1]	±		950
	T imeCondition <TmCond>	[0..1]	±		950

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 2449):

- *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 2406

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.

CodeName	Name	Definition
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.

21.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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 2407

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 2449):

- *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 2457

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 2449):

- *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 2454

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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

21.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIId>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2449):

- *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 2449):

- *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 2449):

- *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 2416

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).

CodeName	Name	Definition
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 2454

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 2452

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 2454

21.4.2.3.20 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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 2452

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 2452

21.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	916
	TotalAmount <TtlAmt>	[1..1]	Amount		916
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		916
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		916
	DetailedAmount <DtldAmt>	[0..1]	±		916
	RequestedAmount <ReqdAmt>	[0..1]	Amount		917
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		917
	InvoiceAmount <InvcAmt>	[0..1]	Amount		917
	ValidityDate <VldtyDt>	[0..1]	Date		917
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		917
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		918
	AccountType <AcctTp>	[0..1]	CodeSet		918
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			919
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		921
	Conversion <Convs>	[0..1]			921
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltgAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtDtls>	[0..*]	±		927
	Instalment <Instlmt>	[0..*]	±		928
	Recurring <Rcrng>	[0..1]	±		929
	AggregationTransaction <AggtTx>	[0..1]	±		930
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		930
	SaleItem <SaleItm>	[0..*]	±		930
	DeliveryLocation <DivryLctn>	[0..1]	Text		931
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		931
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		931
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		931
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		932
	AdditionalInformation <AddtlInf>	[0..*]			932
	Identification <Id>	[1..1]	Text		932
	Value <Val>	[0..1]	Binary		932
	ProtectedValue <PrctcdVal>	[0..1]	±		932
	Type <Tp>	[0..1]	Text		933
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		933

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

21.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

21.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

21.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

21.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

21.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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

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

21.4.2.3.23.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

21.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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 <CcyConvRsIt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		921
	Conversion <Convs>	[0..1]			921
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtnDtls>	[0..*]	±		927

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		923
	TargetCurrency <TrgtCcy>	[1..1]			923
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923
	ResultingAmount <RsltAmt>	[0..1]	Amount		924
	ExchangeRate <XchgRate>	[1..1]	Rate		924
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		924
	QuotationDate <QtnDt>	[0..1]	DateTime		924
	ValidFrom <VldFr>	[0..1]	DateTime		924
	ValidUntil <VldUntil>	[0..1]	DateTime		924
	SourceCurrency <SrcCcy>	[1..1]			924
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925
	ApplicableBinRange <AplblBinRg>	[0..*]			925
	LowerBin <LwrBin>	[1..1]	Text		926
	HigherBin <HghrBin>	[1..1]	Text		926
	OriginalAmount <OrgnlAmt>	[0..1]			926
	ActualAmount <ActlAmt>	[0..1]	Amount		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926
	CommissionDetails <ComssnDtls>	[0..*]			927
	Amount <Amt>	[1..1]	Amount		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	MarkUpDetails <MrkUpDtls>	[0..*]			927
	Rate <Rate>	[1..1]	Rate		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927
	DeclarationDetails <DclrtDtls>	[0..*]	±		927

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 2454

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	923
	NumericCode <NmrcCd>	[1..1]	Text		923
	Decimal <Dcml>	[1..1]	Quantity		923
	Name <Nm>	[0..1]	Text		923

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

21.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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 2384

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 2450

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 2450

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 2447

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 2447

21.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

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	925
	NumericCode <NmrcCd>	[0..1]	Text		925
	Decimal <Dcml>	[0..1]	Quantity		925
	Name <Nm>	[0..1]	Text		925

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

21.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

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		926
	HigherBin <HghrBin>	[1..1]	Text		926

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 2452

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 2452

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		926
	MinimumAmount <MinAmt>	[0..1]	Amount		926
	MaximumAmount <MaxAmt>	[0..1]	Amount		926

21.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2384

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		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927

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 2384

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 2454

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		927
	AdditionalInformation <AddtlInf>	[0..1]	Text		927

21.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

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 2454

21.4.2.3.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Lab>	[0..1]	Text		2286

21.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		932
	Value <Val>	[0..1]	Binary		932
	ProtectedValue <PrtctdVal>	[0..1]	±		932
	Type <Tp>	[0..1]	Text		933

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

21.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

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]	±		933
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			934
	Response <Rspn>	[1..1]	CodeSet		934
	ResponseReason <RspnRsn>	[0..1]	Text		934
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		935
	AuthorisationCode <AuthstnCd>	[0..1]	Text		935

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		934
	ResponseReason <RspnRsn>	[0..1]	Text		934
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		935

21.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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 2454

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 2452

21.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2456

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		936
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		937
	AccountName <AcctNm>	[0..1]	Text		937
	AccountOwner <AcctOwnr>	[0..1]			938
	Name <Nm>	[1..1]	Text		938
	Address <Adr>	[1..1]	±		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	AccountIdentifier <Acctldr>	[0..1]			939
{Or	Card <Card>	[1..1]	Text		939
Or	MSISDN <MSISDN>	[1..1]	Text		939
Or	EMail <EMail>	[1..1]	Text		939
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	939
Or	BBAN <BBAN>	[1..1]	IdentifierSet		940
Or	UPIC <UPIC>	[1..1]	IdentifierSet		940
Or	Domestic <Dmst>	[1..1]	Text		940
Or}	Other <Othr>	[1..1]	Text		940
	Servicer <Svcr>	[0..1]			940
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	941
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		941

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 2387

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 2403

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 2456

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		938
	Address <Adr>	[1..1]	±		938

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		939
Or	MSISDN <MSISDN>	[1..1]	Text		939
Or	EMail <EMail>	[1..1]	Text		939
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	939
Or	BBAN <BBAN>	[1..1]	IdentifierSet		940
Or	UPIC <UPIC>	[1..1]	IdentifierSet		940
Or	Domestic <Dmst>	[1..1]	Text		940
Or}	Other <Othr>	[1..1]	Text		940

21.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

21.4.2.3.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

21.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	941
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		941

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		942
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		943
	AccountName <AcctNm>	[0..1]	Text		943
	AccountOwner <AcctOwnr>	[0..1]			944
	Name <Nm>	[1..1]	Text		944
	Address <Adr>	[1..1]	±		944
	Currency <Ccy>	[0..1]	CodeSet	C1	944
	AccountIdentifier <Acctldr>	[0..1]			945
{Or	Card <Card>	[1..1]	Text		945
Or	MSISDN <MSISDN>	[1..1]	Text		945
Or	EMail <EMail>	[1..1]	Text		945
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	945
Or	BBAN <BBAN>	[1..1]	IdentifierSet		946
Or	UPIC <UPIC>	[1..1]	IdentifierSet		946
Or	Domestic <Dmst>	[1..1]	Text		946
Or}	Other <Othr>	[1..1]	Text		946
	Servicer <Svcr>	[0..1]			946
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	947
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		947

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 2387

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 2403

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 2456

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		944
	Address <Adr>	[1..1]	±		944

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		945
Or	MSISDN <MSISDN>	[1..1]	Text		945
Or	EEmail <EEmail>	[1..1]	Text		945
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	945
Or	BBAN <BBAN>	[1..1]	IdentifierSet		946
Or	UPIC <UPIC>	[1..1]	IdentifierSet		946
Or	Domestic <Dmst>	[1..1]	Text		946
Or}	Other <Othr>	[1..1]	Text		946

21.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

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 2452

21.4.2.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

21.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	947
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		947

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

21.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

21.4.2.3.29 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		948
	MessageToPresent <MsgToPres>	[0..1]	±		949
	RemoteAccess <RmotAccs>	[0..1]	±		950
	Retry <Rtry>	[0..1]	±		950
	TimeCondition <TmCond>	[0..1]	±		950

21.4.2.3.29.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

21.4.2.3.29.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see ["ActionMessage12"](#) on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

21.4.2.3.29.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

21.4.2.3.29.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

21.4.2.3.29.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

22 caaa.021.001.07 TransactionAdviceResponseV07

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 TransactionAdviceResponseV07 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]			954
	MessageFunction <MsgFctn>	[1..1]	CodeSet		954
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		956
	ExchangeIdentification <XchgId>	[1..1]	Quantity		956
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		956
	CreationDateTime <CreDtTm>	[1..1]	DateTime		956
	InitiatingParty <InitgPty>	[1..1]	±		956
	RecipientParty <RcptPty>	[0..1]	±		957
	Traceability <Tracblt>	[0..*]	±		957
	TransactionAdviceResponse <TxAdvcRspn>	[1..1]			958
	Environment <Envt>	[1..1]	±	C3	958
	Transaction <Tx>	[1..1]			964
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		965
	TransactionIdentification <TxId>	[1..1]	±		965
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		965
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		965
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		965
	Response <Rspn>	[1..1]	CodeSet		966
	TMSTrigger <TMSTrggr>	[0..1]			966
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		966
	TMSIdentification <TMSId>	[0..1]	Text		966
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		967
	SupplementaryData <SplmtryData>	[0..*]	±	C4	967
	SecurityTrailer <SctyTrlr>	[0..1]	±		967

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		954
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		956
	ExchangeIdentification <XchgId>	[1..1]	Quantity		956
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		956
	CreationDateTime <CreDtTm>	[1..1]	DateTime		956
	InitiatingParty <InitgPty>	[1..1]	±		956
	RecipientParty <RcptPty>	[0..1]	±		957
	Traceability <Tracblt>	[0..*]	±		957

22.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

22.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

22.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

22.4.2 TransactionAdviceResponse <TxAdvcRspn>

Presence: [1..1]

Definition: Information related to the transaction advice response.

TransactionAdviceResponse <TxAdvcRspn> contains the following
AcceptorCompletionAdviceResponse14 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	958
	Transaction <Tx>	[1..1]			964
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		965
	TransactionIdentification <TxId>	[1..1]	±		965
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		965
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		965
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		965
	Response <Rspn>	[1..1]	CodeSet		966
	TMSTrigger <TMSTrggr>	[0..1]			966
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		966
	TMSIdentification <TMSId>	[0..1]	Text		966
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		967
	SupplementaryData <SplmtryData>	[0..*]	±	C4	967

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		965
	TransactionIdentification <TxId>	[1..1]	±		965
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		965
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		965
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		965
	Response <Rspn>	[1..1]	CodeSet		966

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

22.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		966
	TMSIdentification <TMSId>	[0..1]	Text		966
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		967

22.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

22.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

23 caaa.022.001.06

AcceptorNonFinancialRequestV06

23.1 MessageDefinition Functionality

The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).

Outline

The AcceptorNonFinancialRequestV06 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]			977
	MessageFunction <MsgFctn>	[1..1]	CodeSet		977
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		979
	ExchangeIdentification <XchgId>	[1..1]	Quantity		979
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		979
	CreationDateTime <CreDtTm>	[1..1]	DateTime		979
	InitiatingParty <InitgPty>	[1..1]	±		979
	RecipientParty <RcptPty>	[0..1]	±		979
	Traceability <Tracblt>	[0..*]	±		980
	NonFinancialRequest <NonFinReq>	[1..1]			980
	Environment <Envt>	[1..1]	±	C9	987
	Context <Cntxt>	[1..1]		C10	993
	PaymentContext <PmtCntxt>	[0..1]			996
	CardPresent <CardPres>	[0..1]	Indicator		996
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		996
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		997
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		997
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		997
	TransactionChannel <TxChanl>	[0..1]	CodeSet		997
	BusinessArea <BizArea>	[0..1]	CodeSet		998
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		998
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	998
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		999
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		999
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1000
	SaleContext <SaleCntxt>	[0..1]			1000
	SaleIdentification <SaleId>	[0..1]	Text		1001
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1001
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1002

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		1002
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1002
	ShiftNumber <ShftNb>	[0..1]	Text		1002
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1002
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1002
	InvoiceNumber <InvNb>	[0..1]	Text		1002
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1003
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1003
	CommonName <CmonNm>	[1..1]	Text		1003
	Address <Adr>	[0..1]	Text		1003
	CountryCode <CtryCd>	[1..1]	CodeSet		1003
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1003
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1003
	SplitPayment <Spltpmt>	[0..1]	Indicator		1004
	RemainingAmount <RmngAmt>	[0..1]	Amount		1004
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1004
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1004
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1004
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1005
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1005
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1005
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1006
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1006
	SystemToNotify <SysToNtfy>	[0..1]	Text		1006
	Debtor <Dbtr>	[0..1]	±		1007
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1008
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1008
	Creditor <Cdtr>	[0..1]	±		1008
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1009
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1010
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1010

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1011
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1012
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1013
	Creditor <Cdtr>	[0..1]	±		1013
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1014
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1015
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1015
	MandateIdentification <MndtId>	[1..1]	Text		1016
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1016
	MandateImage <MndtImg>	[0..1]	Binary		1016
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1016
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			1016
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		1021
	Transaction <Tx>	[0..1]			1021
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1026
	TransactionType <TxTp>	[0..1]	CodeSet		1026
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1027
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1027
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1028
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1028
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1028
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1028
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1029
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1029
	TransactionIdentification <TxId>	[1..1]	±		1029
	OriginalTransaction <OrgnlTx>	[0..1]	±		1029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1030
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1031
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1031
	TransactionDetails <TxDtls>	[1..1]			1031

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1034
	TotalAmount <TtlAmt>	[1..1]	Amount		1034
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1034
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1034
	DetailedAmount <DtldAmt>	[0..1]	±		1034
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1035
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1035
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1035
	ValidityDate <VldtyDt>	[0..1]	Date		1035
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1035
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1036
	AccountType <AcctTp>	[0..1]	CodeSet		1036
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1037
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1039
	Conversion <Convs>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <ApplBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1045
	Instalment <Instlmt>	[0..*]	±		1046
	Recurring <Rcrng>	[0..1]	±		1047
	AggregationTransaction <AggtnTx>	[0..1]	±		1048
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1048
	SaleItem <Saleitm>	[0..*]	±		1048
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1049
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1049
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1049
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1049
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1050
	AdditionalInformation <AddtlInf>	[0..*]			1050
	Identification <Id>	[1..1]	Text		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctcdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051
	ICCRelatedData <ICCRLtdData>	[0..1]	Binary		1051

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1051
	AccountFrom <AcctFr>	[0..1]			1051
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1052
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1053
	AccountName <AcctNm>	[0..1]	Text		1053
	AccountOwner <AcctOwnr>	[0..1]			1054
	Name <Nm>	[1..1]	Text		1054
	Address <Adr>	[1..1]	±		1054
	Currency <Ccy>	[0..1]	CodeSet	C1	1054
	AccountIdentifier <AcctIdr>	[0..1]			1055
{Or	Card <Card>	[1..1]	Text		1055
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	EMail <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056
	Servicer <Svcr>	[0..1]			1056
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1057
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1057
	AccountTo <AcctTo>	[0..1]			1057
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1058
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1059
	AccountName <AcctNm>	[0..1]	Text		1059
	AccountOwner <AcctOwnr>	[0..1]			1060
	Name <Nm>	[1..1]	Text		1060
	Address <Adr>	[1..1]	±		1060
	Currency <Ccy>	[0..1]	CodeSet	C1	1060
	AccountIdentifier <AcctIdr>	[0..1]			1061
{Or	Card <Card>	[1..1]	Text		1061

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	EEmail <EMail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062
	Servicer <Svcr>	[0..1]			1062
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1063
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1063
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1063
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1063
	ActionType <ActnTp>	[1..1]	CodeSet		1064
	MessageToPresent <MsgToPres>	[0..1]	±		1065
	RemoteAccess <RmotAccs>	[0..1]	±		1066
	Retry <Rtry>	[0..1]	±		1066
	TimeCondition <TmCond>	[0..1]	±		1066
	AdditionalRequest <AddtlReq>	[0..8]			1067
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1068
	SecurityTrailer <SctyTrlr>	[0..1]	±		1068

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		977
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		979
	ExchangeIdentification <XchgId>	[1..1]	Quantity		979
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		979
	CreationDateTime <CreDtTm>	[1..1]	DateTime		979
	InitiatingParty <InitgPty>	[1..1]	±		979
	RecipientParty <RcptPty>	[0..1]	±		979
	Traceability <Tracblt>	[0..*]	±		980

23.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

23.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

23.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

23.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

23.4.2 NonFinancialRequest <NonFinReq>

Presence: [1..1]

Definition: Information related to the non financial request.

NonFinancialRequest <NonFinReq> contains the following **NonFinancialRequestComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	987
	Context <Cntxt>	[1..1]		C10	993
	PaymentContext <PmtCntxt>	[0..1]			996
	CardPresent <CardPres>	[0..1]	Indicator		996
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		996
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		997
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		997
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		997
	TransactionChannel <TxChanl>	[0..1]	CodeSet		997
	BusinessArea <BizArea>	[0..1]	CodeSet		998
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		998
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	998
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		999
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		999
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1000
	SaleContext <SaleCntxt>	[0..1]			1000
	SaleIdentification <SaleId>	[0..1]	Text		1001
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1001
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1002
	CashierIdentification <CshrId>	[0..1]	Text		1002
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1002
	ShiftNumber <ShftNb>	[0..1]	Text		1002
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1002
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1002
	InvoiceNumber <InvNb>	[0..1]	Text		1002
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1003
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1003
	CommonName <CmonNm>	[1..1]	Text		1003
	Address <Adr>	[0..1]	Text		1003
	CountryCode <CtryCd>	[1..1]	CodeSet		1003

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1003
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1003
	SplitPayment <Spltpmt>	[0..1]	Indicator		1004
	RemainingAmount <RmngAmt>	[0..1]	Amount		1004
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1004
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1004
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1004
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1005
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1005
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1005
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1006
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1006
	SystemToNotify <SysToNtfy>	[0..1]	Text		1006
	Debtor <Dbtr>	[0..1]	±		1007
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1008
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1008
	Creditor <Cdtr>	[0..1]	±		1008
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1009
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1010
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1010
	Debtor <Dbtr>	[0..1]	±		1011
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1012
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1013
	Creditor <Cdtr>	[0..1]	±		1013
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1014
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1015
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1015
	MandateIdentification <Mndtld>	[1..1]	Text		1016
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1016
	MandateImage <MndtImg>	[0..1]	Binary		1016
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1016

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			1016
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		1021
	Transaction <Tx>	[0..1]			1021
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1026
	TransactionType <TxTp>	[0..1]	CodeSet		1026
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1027
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1027
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1028
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1028
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1028
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1028
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1029
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1029
	TransactionIdentification <TxId>	[1..1]	±		1029
	OriginalTransaction <OrgnlTx>	[0..1]	±		1029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1030
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1031
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1031
	TransactionDetails <TxDtls>	[1..1]			1031
	Currency <Ccy>	[0..1]	CodeSet	C1	1034
	TotalAmount <TtlAmt>	[1..1]	Amount		1034
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1034
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1034
	DetailedAmount <DtldAmt>	[0..1]	±		1034
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1035
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1035
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1035
	ValidityDate <VldtyDt>	[0..1]	Date		1035
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1035
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1036
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1037
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1039
	Conversion <Convs>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1045
	Instalment <Instlmt>	[0..*]	±		1046
	Recurring <Rcrng>	[0..1]	±		1047
	AggregationTransaction <AggtTx>	[0..1]	±		1048
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1048
	SaleItem <Saleitm>	[0..*]	±		1048
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1049
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1049
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1049
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1049
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1050
	AdditionalInformation <AddtlInf>	[0..*]			1050
	Identification <Id>	[1..1]	Text		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctcdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1051
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1051
	AccountFrom <AcctFr>	[0..1]			1051
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1052
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1053
	AccountName <AcctNm>	[0..1]	Text		1053
	AccountOwner <AcctOwnr>	[0..1]			1054
	Name <Nm>	[1..1]	Text		1054
	Address <Adr>	[1..1]	±		1054
	Currency <Ccy>	[0..1]	CodeSet	C1	1054
	AccountIdentifier <AcctIdr>	[0..1]			1055
{Or	Card <Card>	[1..1]	Text		1055

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	EMail <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056
	Servicer <Svcr>	[0..1]			1056
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1057
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1057
	AccountTo <AcctTo>	[0..1]			1057
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1058
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1059
	AccountName <AcctNm>	[0..1]	Text		1059
	AccountOwner <AcctOwnr>	[0..1]			1060
	Name <Nm>	[1..1]	Text		1060
	Address <Adr>	[1..1]	±		1060
	Currency <Ccy>	[0..1]	CodeSet	C1	1060
	AccountIdentifier <Acctldr>	[0..1]			1061
{Or	Card <Card>	[1..1]	Text		1061
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	EMail <EMail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062
	Servicer <Svcr>	[0..1]			1062
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1063
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1063
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1063

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1063
	ActionType <ActnTp>	[1..1]	CodeSet		1064
	MessageToPresent <MsgToPres>	[0..1]	±		1065
	RemoteAccess <RmotAccs>	[0..1]	±		1066
	Retry <Rtry>	[0..1]	±		1066
	TimeCondition <TmCond>	[0..1]	±		1066
	AdditionalRequest <AddtlReq>	[0..8]			1067
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1068

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <Grpld>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			996
	CardPresent <CardPres>	[0..1]	Indicator		996
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		996
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		997
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		997
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		997
	TransactionChannel <TxChanl>	[0..1]	CodeSet		997
	BusinessArea <BizArea>	[0..1]	CodeSet		998
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		998
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	998
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		999
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		999
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1000
	SaleContext <SaleCntxt>	[0..1]			1000
	SaleIdentification <SaleId>	[0..1]	Text		1001
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1001
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1002
	CashierIdentification <CshrId>	[0..1]	Text		1002
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1002
	ShiftNumber <ShftNb>	[0..1]	Text		1002
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1002
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1002
	InvoiceNumber <InvNb>	[0..1]	Text		1002
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1003
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1003
	CommonName <CmonNm>	[1..1]	Text		1003
	Address <Adr>	[0..1]	Text		1003
	CountryCode <CtryCd>	[1..1]	CodeSet		1003
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1003
	RegisteredIdentifier <Regldr>	[1..1]	Text		1003
	SplitPayment <SpltPmt>	[0..1]	Indicator		1004

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1004
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1004
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1004
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1004
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1005
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1005
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1005
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1006
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1006
	SystemToNotify <SysToNtfy>	[0..1]	Text		1006
	Debtor <Dbtr>	[0..1]	±		1007
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1008
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1008
	Creditor <Cdtr>	[0..1]	±		1008
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1009
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1010
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1010
	Debtor <Dbtr>	[0..1]	±		1011
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1012
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1013
	Creditor <Cdtr>	[0..1]	±		1013
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1014
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1015
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1015
	MandateIdentification <Mndtld>	[1..1]	Text		1016
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1016
	MandateImage <Mndtlmg>	[0..1]	Binary		1016
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1016

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		996
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		996
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		997
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		997
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		997
	TransactionChannel <TxChanl>	[0..1]	CodeSet		997
	BusinessArea <BizArea>	[0..1]	CodeSet		998
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		998
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	998
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		999
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		999
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1000

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		1001
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1001
	SaleReconciliationIdentification <SaleRcncInId>	[0..1]	Text		1002
	CashierIdentification <CshrId>	[0..1]	Text		1002
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1002
	ShiftNumber <ShftNb>	[0..1]	Text		1002
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1002
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1002
	InvoiceNumber <InvcNb>	[0..1]	Text		1002
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1003
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1003
	CommonName <CmonNm>	[1..1]	Text		1003
	Address <Adr>	[0..1]	Text		1003
	CountryCode <CtryCd>	[1..1]	CodeSet		1003
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1003
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1003
	SplitPayment <SpltPmt>	[0..1]	Indicator		1004
	RemainingAmount <RmngAmt>	[0..1]	Amount		1004
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1004
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1004
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1004
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1005
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1005

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 2454

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 2454

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 2454

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 2454

23.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

23.4.2.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

23.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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		1003
	Address <Adr>	[0..1]	Text		1003
	CountryCode <CtryCd>	[1..1]	CodeSet		1003
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1003
	RegisteredIdentifier <Regldr>	[1..1]	Text		1003

23.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

23.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

23.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1006
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1006
	SystemToNotify <SysToNtfy>	[0..1]	Text		1006
	Debtor <Dbtr>	[0..1]	±		1007
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1008
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1008
	Creditor <Cdtr>	[0..1]	±		1008
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1009
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1010

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1011
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1012
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1013
	Creditor <Cdtr>	[0..1]	±		1013
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1014
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1015
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1015
	MandateIdentification <MndtId>	[1..1]	Text		1016
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1016
	MandateImage <MndtImg>	[0..1]	Binary		1016
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1016

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1016
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1016
	MandateImage <MndtImg>	[0..1]	Binary		1016
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1016

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 2454

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 2447

23.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

23.4.2.3 NonFinancialRequestContent <NonFinReqCntt>

Presence: [1..1]

Definition: Aim of the non financial request.

NonFinancialRequestContent <NonFinReqCntt> contains the following
NonFinancialRequestContentComponent6 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		1021
	Transaction <Tx>	[0..1]			1021
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1026
	TransactionType <TxTp>	[0..1]	CodeSet		1026
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1027
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1027
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1028
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1028
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1028
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1028
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1029
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1029
	TransactionIdentification <TxId>	[1..1]	±		1029
	OriginalTransaction <OrgnlTx>	[0..1]	±		1029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1030
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1031
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1031
	TransactionDetails <TxDtls>	[1..1]			1031
	Currency <Ccy>	[0..1]	CodeSet	C1	1034
	TotalAmount <TtlAmt>	[1..1]	Amount		1034
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1034
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1034
	DetailedAmount <DtldAmt>	[0..1]	±		1034
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1035
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1035
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1035
	ValidityDate <VldtyDt>	[0..1]	Date		1035
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1035
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1036
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			1037
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1039
	Conversion <Convs>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1045
	Instalment <Instlmt>	[0..*]	±		1046
	Recurring <Rcrng>	[0..1]	±		1047
	AggregationTransaction <AggtnTx>	[0..1]	±		1048
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1048
	SaleItem <Saleitm>	[0..*]	±		1048
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1049
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1049
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1049
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1049
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1050
	AdditionalInformation <AddtlInf>	[0..*]			1050
	Identification <Id>	[1..1]	Text		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1051
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1051
	AccountFrom <AcctFr>	[0..1]			1051
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1052
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1053
	AccountName <AcctNm>	[0..1]	Text		1053
	AccountOwner <AcctOwnr>	[0..1]			1054
	Name <Nm>	[1..1]	Text		1054
	Address <Adr>	[1..1]	±		1054
	Currency <Ccy>	[0..1]	CodeSet	C1	1054
	AccountIdentifier <Acctldr>	[0..1]			1055
{Or	Card <Card>	[1..1]	Text		1055

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	Email <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056
	Servicer <Svcr>	[0..1]			1056
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1057
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1057
	AccountTo <AcctTo>	[0..1]			1057
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1058
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1059
	AccountName <AcctNm>	[0..1]	Text		1059
	AccountOwner <AcctOwnr>	[0..1]			1060
	Name <Nm>	[1..1]	Text		1060
	Address <Adr>	[1..1]	±		1060
	Currency <Ccy>	[0..1]	CodeSet	C1	1060
	AccountIdentifier <AcctIdr>	[0..1]			1061
{Or	Card <Card>	[1..1]	Text		1061
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	Email <EMail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062
	Servicer <Svcr>	[0..1]			1062
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1063
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1063
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1063

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1063
	ActionType <ActnTp>	[1..1]	CodeSet		1064
	MessageToPresent <MsgToPres>	[0..1]	±		1065
	RemoteAccess <RmotAccs>	[0..1]	±		1066
	Retry <Rtry>	[0..1]	±		1066
	TimeCondition <TmCond>	[0..1]	±		1066
	AdditionalRequest <AddtlReq>	[0..8]			1067
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067

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 2425

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 **CardPaymentTransaction146** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1026
	TransactionType <TxTp>	[0..1]	CodeSet		1026
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1027
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1027
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1028
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1028
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1028
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1028
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1029
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1029
	TransactionIdentification <TxId>	[1..1]	±		1029
	OriginalTransaction <OrgnlTx>	[0..1]	±		1029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1030
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1031
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1031
	TransactionDetails <TxDtls>	[1..1]			1031
	Currency <Ccy>	[0..1]	CodeSet	C1	1034
	TotalAmount <TtlAmt>	[1..1]	Amount		1034
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1034
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1034
	DetailedAmount <DtldAmt>	[0..1]	±		1034
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1035
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1035
	InvoiceAmount <InvAmt>	[0..1]	Amount		1035
	ValidityDate <VldtyDt>	[0..1]	Date		1035
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1035
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1036
	AccountType <AcctTp>	[0..1]	CodeSet		1036
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1037
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1039

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1045
	Instalment <Instlmt>	[0..*]	±		1046
	Recurring <Rcrng>	[0..1]	±		1047
	AggregationTransaction <AggtnTx>	[0..1]	±		1048
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1048
	SaleItem <Saleitm>	[0..*]	±		1048
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1049
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1049
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1049
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1049
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1050
	AdditionalInformation <AddtlInf>	[0..*]			1050
	Identification <Id>	[1..1]	Text		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctcdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1051
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1051
	AccountFrom <AcctFr>	[0..1]			1051
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1052
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1053
	AccountName <AcctNm>	[0..1]	Text		1053
	AccountOwner <AcctOwnr>	[0..1]			1054
	Name <Nm>	[1..1]	Text		1054
	Address <Adr>	[1..1]	±		1054
	Currency <Ccy>	[0..1]	CodeSet	C1	1054
	AccountIdentifier <Acctldr>	[0..1]			1055
{Or	Card <Card>	[1..1]	Text		1055
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	EMail <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056
	Servicer <Svcr>	[0..1]			1056
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1057
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1057
	AccountTo <AcctTo>	[0..1]			1057
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1058
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1059
	AccountName <AcctNm>	[0..1]	Text		1059
	AccountOwner <AcctOwnr>	[0..1]			1060
	Name <Nm>	[1..1]	Text		1060
	Address <Adr>	[1..1]	±		1060
	Currency <Ccy>	[0..1]	CodeSet	C1	1060
	AccountIdentifier <AcctIdr>	[0..1]			1061
{Or	Card <Card>	[1..1]	Text		1061
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	EMail <EMail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062
	Servicer <Svcr>	[0..1]			1062
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1063
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1063
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1063
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1063
	ActionType <ActnTp>	[1..1]	CodeSet		1064
	MessageToPresent <MsgToPres>	[0..1]	±		1065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemoteAccess <RmotAccs>	[0..1]	±		1066
	Retry <Rtry>	[0..1]	±		1066
	TimeCondition <TmCond>	[0..1]	±		1066

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 2449](#)):

- *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 2406](#)

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.

CodeName	Name	Definition
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 2409

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 2407

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.

CodeName	Name	Definition
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 2449):

- *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 2457

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 2449):

- *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 2454

23.4.2.3.2.9 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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

23.4.2.3.2.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2454

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 2454

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 2452

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 2452

23.4.2.3.2.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1034
	TotalAmount <TtlAmt>	[1..1]	Amount		1034
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1034
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1034
	DetailedAmount <DtldAmt>	[0..1]	±		1034
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1035
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1035
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1035
	ValidityDate <VldtyDt>	[0..1]	Date		1035
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1035
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		1036
	AccountType <AcctTp>	[0..1]	CodeSet		1036
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1037
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1039
	Conversion <Convs>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <DclrtDtls>	[0..*]	±		1045
	Instalment <Instlmt>	[0..*]	±		1046
	Recurring <Rcrng>	[0..1]	±		1047
	AggregationTransaction <AggtTx>	[0..1]	±		1048
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1048
	SaleItem <Saleitm>	[0..*]	±		1048
	DeliveryLocation <DivryLctn>	[0..1]	Text		1049
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1049
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1049
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1049
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1050
	AdditionalInformation <AddtlInf>	[0..*]			1050
	Identification <Id>	[1..1]	Text		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctcdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1051

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

23.4.2.3.2.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

23.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

23.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2447

23.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

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 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1039
	Conversion <Convs>	[0..1]			1039
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	MarkUpDetails <MrkUpDtls>	[0..*]			1045

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1045

23.4.2.3.2.17.13.1 AcceptedByCardholder <AcctpdByCrdhldr>

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1041
	TargetCurrency <TrgtCcy>	[1..1]			1041
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041
	ResultingAmount <RsltAmt>	[0..1]	Amount		1042
	ExchangeRate <XchgRate>	[1..1]	Rate		1042
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1042
	QuotationDate <QtnDt>	[0..1]	DateTime		1042
	ValidFrom <VldFr>	[0..1]	DateTime		1042
	ValidUntil <VldUntil>	[0..1]	DateTime		1042
	SourceCurrency <SrcCcy>	[1..1]			1042
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043
	ApplicableBinRange <AplblBinRg>	[0..*]			1043
	LowerBin <LwrBin>	[1..1]	Text		1044
	HigherBin <HghrBin>	[1..1]	Text		1044
	OriginalAmount <OrgnlAmt>	[0..1]			1044
	ActualAmount <ActlAmt>	[0..1]	Amount		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044
	CommissionDetails <ComssnDtls>	[0..*]			1045
	Amount <Amt>	[1..1]	Amount		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	MarkUpDetails <MrkUpDtls>	[0..*]			1045
	Rate <Rate>	[1..1]	Rate		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045
	DeclarationDetails <DclrtDtls>	[0..*]	±		1045

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 2454

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	1041
	NumericCode <NmrcCd>	[1..1]	Text		1041
	Decimal <Dcml>	[1..1]	Quantity		1041
	Name <Nm>	[0..1]	Text		1041

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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 2384

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 2450

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 2450

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 2447

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 2447

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 2447

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	1043
	NumericCode <NmrcCd>	[0..1]	Text		1043
	Decimal <Dcml>	[0..1]	Quantity		1043
	Name <Nm>	[0..1]	Text		1043

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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		1044
	HigherBin <HghrBin>	[1..1]	Text		1044

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 2452

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 2452

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		1044
	MinimumAmount <MinAmt>	[0..1]	Amount		1044
	MaximumAmount <MaxAmt>	[0..1]	Amount		1044

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 2384

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 2384

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 2384

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		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045

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 2384

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 2454

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		1045
	AdditionalInformation <AddtlInf>	[0..1]	Text		1045

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 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

23.4.2.3.2.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		1050
	Value <Val>	[0..1]	Binary		1050
	ProtectedValue <PrctcdVal>	[0..1]	±		1050
	Type <Tp>	[0..1]	Text		1051

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 2451

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 2385

23.4.2.3.2.17.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 2385

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 2456

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		1052
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1053
	AccountName <AcctNm>	[0..1]	Text		1053
	AccountOwner <AcctOwnr>	[0..1]			1054
	Name <Nm>	[1..1]	Text		1054
	Address <Adr>	[1..1]	±		1054
	Currency <Ccy>	[0..1]	CodeSet	C1	1054
	AccountIdentifier <Acctldr>	[0..1]			1055
{Or	Card <Card>	[1..1]	Text		1055
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	EMail <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056
	Servicer <Svcr>	[0..1]			1056
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1057
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1057

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 2387

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 2403

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 2456

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		1054
	Address <Adr>	[1..1]	±		1054

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		1055
Or	MSISDN <MSISDN>	[1..1]	Text		1055
Or	EMail <EMail>	[1..1]	Text		1055
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1055
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1056
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1056
Or	Domestic <Dmst>	[1..1]	Text		1056
Or}	Other <Othr>	[1..1]	Text		1056

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 2458

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 2452

23.4.2.3.2.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

23.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1057
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1057

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 2447

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 <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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		1058
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1059
	AccountName <AcctNm>	[0..1]	Text		1059
	AccountOwner <AcctOwnr>	[0..1]			1060
	Name <Nm>	[1..1]	Text		1060
	Address <Adr>	[1..1]	±		1060
	Currency <Ccy>	[0..1]	CodeSet	C1	1060
	AccountIdentifier <AcctIdr>	[0..1]			1061
{Or	Card <Card>	[1..1]	Text		1061
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	EMail <EMail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062
	Servicer <Svcr>	[0..1]			1062
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1063
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1063

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 2387

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 2403

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 2456

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		1060
	Address <Adr>	[1..1]	±		1060

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		1061
Or	MSISDN <MSISDN>	[1..1]	Text		1061
Or	EEmail <EEmail>	[1..1]	Text		1061
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1061
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1062
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1062
Or	Domestic <Dmst>	[1..1]	Text		1062
Or}	Other <Othr>	[1..1]	Text		1062

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 2458

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 2452

23.4.2.3.2.20.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

23.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1063
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1063

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 2447

Constraints

- **AnyBIC**

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

23.4.2.3.2.20.7.2 ProprietaryIdentification <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "[GenericIdentification1](#)" on page 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

23.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

23.4.2.3.2.22 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1064
	MessageToPresent <MsgToPres>	[0..1]	±		1065
	RemoteAccess <RmotAccs>	[0..1]	±		1066
	Retry <Rtry>	[0..1]	±		1066
	TimeCondition <TmCond>	[0..1]	±		1066

23.4.2.3.2.22.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

23.4.2.3.2.22.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see ["ActionMessage12"](#) on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

23.4.2.3.2.22.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

23.4.2.3.2.22.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

23.4.2.3.2.22.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067

23.4.2.3.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

23.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

24 caaa.023.001.06

AcceptorNonFinancialResponseV06

24.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.

Outline

The AcceptorNonFinancialResponseV06 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]			1071
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1072
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1073
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1074
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1074
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1074
	InitiatingParty <InitgPty>	[1..1]	±		1074
	RecipientParty <RcptPty>	[0..1]	±		1074
	Traceability <Tracblt>	[0..*]	±		1075
	NonFinancialResponse <NonFinRspn>	[1..1]			1075
	Environment <Envt>	[1..1]	±	C3	1076
	ResponseContent <RspnCnnt>	[1..*]			1082
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1083
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1084
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1084
	Instalment <Instlmt>	[0..*]	±		1084
	AdditionalResponse <AddtlRspn>	[0..*]			1085
	Identification <Id>	[1..1]	Text		1085
	Value <Val>	[0..1]	Binary		1085
	ProtectedValue <PrtctdVal>	[0..1]	±		1085
	Type <Tp>	[0..1]	Text		1085
	Action <Actn>	[0..*]			1086
	ActionType <ActnTp>	[1..1]	CodeSet		1086
	MessageToPresent <MsgToPres>	[0..1]	±		1087
	RemoteAccess <RmotAccs>	[0..1]	±		1088
	Retry <Rtry>	[0..1]	±		1088
	TimeCondition <TmCond>	[0..1]	±		1089
	Response <Rspn>	[1..1]	±		1089
	Response <Rspn>	[1..1]	±		1089

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1090
	SecurityTrailer <SctyTrlr>	[0..1]	±		1090

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		1072
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1073
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1074
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1074
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1074
	InitiatingParty <InitgPty>	[1..1]	±		1074
	RecipientParty <RcptPty>	[0..1]	±		1074
	Traceability <Tracblt>	[0..*]	±		1075

24.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

24.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

24.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

24.4.2 NonFinancialResponse <NonFinRspn>

Presence: [1..1]

Definition: Information related to the non financial response.

NonFinancialResponse <NonFinRspn> contains the following **NonFinancialResponseComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1076
	ResponseContent <RspnCnnt>	[1..*]			1082
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1083
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1084
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1084
	Instalment <Instlmt>	[0..*]	±		1084
	AdditionalResponse <AddtlRspn>	[0..*]			1085
	Identification <Id>	[1..1]	Text		1085
	Value <Val>	[0..1]	Binary		1085
	ProtectedValue <PrctcdVal>	[0..1]	±		1085
	Type <Tp>	[0..1]	Text		1085
	Action <Actn>	[0..*]			1086
	ActionType <ActnTp>	[1..1]	CodeSet		1086
	MessageToPresent <MsgToPres>	[0..1]	±		1087
	RemoteAccess <RmotAccs>	[0..1]	±		1088
	Retry <Rtry>	[0..1]	±		1088
	TimeCondition <TmCond>	[0..1]	±		1089
	Response <Rspn>	[1..1]	±		1089
	Response <Rspn>	[1..1]	±		1089
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1090

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **NonFinancialResponseContentComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1083
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1084
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1084
	Instalment <Instlmt>	[0..*]	±		1084
	AdditionalResponse <AddtlRspn>	[0..*]			1085
	Identification <Id>	[1..1]	Text		1085
	Value <Val>	[0..1]	Binary		1085
	ProtectedValue <PrtctdVal>	[0..1]	±		1085
	Type <Tp>	[0..1]	Text		1085
	Action <Actn>	[0..*]			1086
	ActionType <ActnTp>	[1..1]	CodeSet		1086
	MessageToPresent <MsgToPres>	[0..1]	±		1087
	RemoteAccess <RmotAccs>	[0..1]	±		1088
	Retry <Rtry>	[0..1]	±		1088
	TimeCondition <TmCond>	[0..1]	±		1089
	Response <Rspn>	[1..1]	±		1089

24.4.2.2.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..1]

Definition: Type of non financial request that the Acquirer processed.

Datatype: "NonFinancialRequestType2Code" on page 2425

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 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1737
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1738

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 2425

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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		1085
	Value <Val>	[0..1]	Binary		1085
	ProtectedValue <PrctcdVal>	[0..1]	±		1085
	Type <Tp>	[0..1]	Text		1085

24.4.2.2.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

24.4.2.2.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1086
	MessageToPresent <MsgToPres>	[0..1]	±		1087
	RemoteAccess <RmotAccs>	[0..1]	±		1088
	Retry <Rtry>	[0..1]	±		1088
	TimeCondition <TmCond>	[0..1]	±		1089

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 2387

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

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 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

25 caaa.024.001.06

AcceptorTransactionLogReportRequestV06

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 AcceptorTransactionLogReportRequestV06 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]			1096
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1096
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1098
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1098
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1098
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1098
	InitiatingParty <InitgPty>	[1..1]	±		1098
	RecipientParty <RcptPty>	[0..1]	±		1099
	Traceability <Tracblt>	[0..*]	±		1099
	ReportRequest <RptReq>	[1..1]			1100
	Environment <Envt>	[1..1]	±	C8	1103
	Context <Cntxt>	[1..1]		C9	1109
	PaymentContext <PmtCntxt>	[0..1]			1112
	CardPresent <CardPres>	[0..1]	Indicator		1112
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1112
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1113
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1113
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1113
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1113
	BusinessArea <BizArea>	[0..1]	CodeSet		1114
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1114
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1114
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1115
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1115
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1116
	SaleContext <SaleCntxt>	[0..1]			1116
	SaleIdentification <SaleId>	[0..1]	Text		1117
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1117
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1118

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		1118
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1118
	ShiftNumber <ShftNb>	[0..1]	Text		1118
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1118
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1118
	InvoiceNumber <InvcNb>	[0..1]	Text		1118
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1119
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1119
	CommonName <CmonNm>	[1..1]	Text		1119
	Address <Adr>	[0..1]	Text		1119
	CountryCode <CtryCd>	[1..1]	CodeSet		1119
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1119
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1119
	SplitPayment <SplitPmt>	[0..1]	Indicator		1120
	RemainingAmount <RmngAmt>	[0..1]	Amount		1120
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1120
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1120
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1120
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1121
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1121
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1121
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1122
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1122
	SystemToNotify <SysToNtfy>	[0..1]	Text		1122
	Debtor <Dbtr>	[0..1]	±		1123
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1124
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1124
	Creditor <Cdtr>	[0..1]	±		1124
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1125
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1126
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1126

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1127
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1128
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1129
	Creditor <Cdtr>	[0..1]	±		1129
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1130
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1131
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1131
	MandateIdentification <MndtId>	[1..1]	Text		1132
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1132
	MandateImage <MndtImg>	[0..1]	Binary		1132
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1132
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1132
	ReportTransactionRequest <RptTxReq>	[0..1]			1133
	SearchCriteria <SchCrit>	[1..*]			1133
	SearchOr <SchOr>	[1..*]			1134
	SearchAnd <SchAnd>	[1..*]			1134
	Target <Trgt>	[1..1]	Text		1134
	Operator <Oprr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1135
	CriteriaOrder <CritOrdr>	[1..*]			1135
	Target <Trgt>	[1..1]	Text		1135
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1135
	BlockStart <BckStart>	[0..1]	Quantity		1136
	BlockStop <BckStop>	[0..1]	Quantity		1136
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1136
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1136
	TotalFilter <TtlFltr>	[0..1]			1137
	POIdentification <POId>	[0..1]	Text		1137
	SaleIdentification <SaleId>	[0..1]	Text		1137
	CashierIdentification <CshrlId>	[0..1]	Text		1137

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	TotalsGroupIdentification <TtlsGrpld>	[0..1]	Text		1137
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1138
	SecurityTrailer <SctyTrlr>	[0..1]	±		1138

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		1096
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1098
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1098
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1098
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1098
	InitiatingParty <InitgPty>	[1..1]	±		1098
	RecipientParty <RcptPty>	[0..1]	±		1099
	Traceability <Tracblt>	[0..*]	±		1099

25.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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 2456

25.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

25.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

25.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

25.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1103
	Context <Cntxt>	[1..1]		C9	1109
	PaymentContext <PmtCntxt>	[0..1]			1112
	CardPresent <CardPres>	[0..1]	Indicator		1112
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1112
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1113
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1113
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1113
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1113
	BusinessArea <BizArea>	[0..1]	CodeSet		1114
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1114
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1114
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1115
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1115
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1116
	SaleContext <SaleCntxt>	[0..1]			1116
	SaleIdentification <SaleId>	[0..1]	Text		1117
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1117
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1118
	CashierIdentification <CshrId>	[0..1]	Text		1118
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1118
	ShiftNumber <ShftNb>	[0..1]	Text		1118
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1118
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1118
	InvoiceNumber <InvNb>	[0..1]	Text		1118
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1119
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1119
	CommonName <CmonNm>	[1..1]	Text		1119
	Address <Adr>	[0..1]	Text		1119
	CountryCode <CtryCd>	[1..1]	CodeSet		1119
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1119
	SplitPayment <SplitPmt>	[0..1]	Indicator		1120
	RemainingAmount <RmngAmt>	[0..1]	Amount		1120
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1120
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1120
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1120
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1121
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1121
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1121
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1122
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1122
	SystemToNotify <SysToNtfy>	[0..1]	Text		1122
	Debtor <Dbtr>	[0..1]	±		1123
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1124
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1124
	Creditor <Cdtr>	[0..1]	±		1124
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1125
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1126
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1126
	Debtor <Dbtr>	[0..1]	±		1127
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1128
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1129
	Creditor <Cdtr>	[0..1]	±		1129
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1130
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1131
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1131
	MandateIdentification <MndtId>	[1..1]	Text		1132
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1132
	MandateImage <MndtImg>	[0..1]	Binary		1132
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1132
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1132

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionRequest <RptTxReq>	[0..1]			1133
	SearchCriteria <SchCrit>	[1..*]			1133
	SearchOr <SchOr>	[1..*]			1134
	SearchAnd <SchAnd>	[1..*]			1134
	Target <Trgt>	[1..1]	Text		1134
	Operator <Oprtr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1135
	CriteriaOrder <CritOrdr>	[1..*]			1135
	Target <Trgt>	[1..1]	Text		1135
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1135
	BlockStart <BlckStart>	[0..1]	Quantity		1136
	BlockStop <BlckStop>	[0..1]	Quantity		1136
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1136
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1136
	TotalFilter <TtlFiltr>	[0..1]			1137
	POIIdentification <POIID>	[0..1]	Text		1137
	SaleIdentification <SaleId>	[0..1]	Text		1137
	CashierIdentification <CshrlId>	[0..1]	Text		1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1137
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1138

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1112
	CardPresent <CardPres>	[0..1]	Indicator		1112
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1112
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1113
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1113
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1113
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1113
	BusinessArea <BizArea>	[0..1]	CodeSet		1114
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1114
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1114
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1115
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1115
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1116
	SaleContext <SaleCntxt>	[0..1]			1116
	SaleIdentification <SaleId>	[0..1]	Text		1117
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1117
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1118
	CashierIdentification <CshrId>	[0..1]	Text		1118
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1118
	ShiftNumber <ShftNb>	[0..1]	Text		1118
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1118
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1118
	InvoiceNumber <InvNb>	[0..1]	Text		1118
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1119
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1119
	CommonName <CmonNm>	[1..1]	Text		1119
	Address <Adr>	[0..1]	Text		1119
	CountryCode <CtryCd>	[1..1]	CodeSet		1119
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1119
	RegisteredIdentifier <Regldr>	[1..1]	Text		1119
	SplitPayment <Spltpmt>	[0..1]	Indicator		1120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1120
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1120
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1120
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1120
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1121
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1121
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1121
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1122
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1122
	SystemToNotify <SysToNtfy>	[0..1]	Text		1122
	Debtor <Dbtr>	[0..1]	±		1123
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1124
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1124
	Creditor <Cdtr>	[0..1]	±		1124
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1125
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1126
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1126
	Debtor <Dbtr>	[0..1]	±		1127
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1128
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1129
	Creditor <Cdtr>	[0..1]	±		1129
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1130
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1131
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1131
	MandateIdentification <Mndtld>	[1..1]	Text		1132
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1132
	MandateImage <Mndtlmg>	[0..1]	Binary		1132
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1132

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		1112
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1112
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1113
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1113
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1113
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1113
	BusinessArea <BizArea>	[0..1]	CodeSet		1114
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1114
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1114
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1115
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1115
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1116

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		1117
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1117
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1118
	CashierIdentification <CshrId>	[0..1]	Text		1118
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1118
	ShiftNumber <ShftNb>	[0..1]	Text		1118
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1118
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1118
	InvoiceNumber <InvcNb>	[0..1]	Text		1118
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1119
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1119
	CommonName <CmonNm>	[1..1]	Text		1119
	Address <Adr>	[0..1]	Text		1119
	CountryCode <CtryCd>	[1..1]	CodeSet		1119
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1119
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1119
	SplitPayment <Spltpmt>	[0..1]	Indicator		1120
	RemainingAmount <RmngAmt>	[0..1]	Amount		1120
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1120
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1120
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1120
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1121
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1121

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 2454

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 2454

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 2454

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 2454

25.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

25.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

25.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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		1119
	Address <Adr>	[0..1]	Text		1119
	CountryCode <CtryCd>	[1..1]	CodeSet		1119
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1119
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1119

25.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

25.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

25.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

25.4.2.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1122
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1122
	SystemToNotify <SysToNtfy>	[0..1]	Text		1122
	Debtor <Dbtr>	[0..1]	±		1123
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1124
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1124
	Creditor <Cdtr>	[0..1]	±		1124
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1125
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1126

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1127
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1128
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1129
	Creditor <Cdtr>	[0..1]	±		1129
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1130
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1131
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1131
	MandateIdentification <MndtId>	[1..1]	Text		1132
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1132
	MandateImage <MndtImg>	[0..1]	Binary		1132
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1132

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1132
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1132
	MandateImage <MndtImg>	[0..1]	Binary		1132
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1132

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 2454

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 2447

25.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 2438

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..*]			1133
	SearchOr <SchOr>	[1..*]			1134
	SearchAnd <SchAnd>	[1..*]			1134
	Target <Trgt>	[1..1]	Text		1134
	Operator <Oprtr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1135
	CriteriaOrder <CritOrdr>	[1..*]			1135
	Target <Trgt>	[1..1]	Text		1135
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1135
	BlockStart <BlckStart>	[0..1]	Quantity		1136
	BlockStop <BlckStop>	[0..1]	Quantity		1136

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..*]			1134
	SearchAnd <SchAnd>	[1..*]			1134
	Target <Trgt>	[1..1]	Text		1134
	Operator <Oprtr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135

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..*]			1134
	Target <Trgt>	[1..1]	Text		1134
	Operator <Oprtr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135

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		1134
	Operator <Oprtr>	[1..1]	CodeSet		1134
	Value <Val>	[1..1]	Text		1135

25.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2455

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 2427

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 2455

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..*]			1135
	Target <Trgt>	[1..1]	Text		1135

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		1135

25.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2455

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 2449):

- *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 2450

25.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

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		1136
	TotalFilter <TtlFltr>	[0..1]			1137
	POIIdentification <POIID>	[0..1]	Text		1137
	SaleIdentification <SaleId>	[0..1]	Text		1137
	CashierIdentification <CshrlId>	[0..1]	Text		1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1137

25.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 2442

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		1137
	SaleIdentification <SaleId>	[0..1]	Text		1137
	CashierIdentification <CshrId>	[0..1]	Text		1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1137

25.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2454

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 2454

25.4.2.5.2.3 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

25.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

26 caaa.025.001.06

AcceptorTransactionLogReportResponseV06

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 AcceptorTransactionLogReportResponseV06 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]			1156
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1157
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1158
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1158
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1158
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1158
	InitiatingParty <InitgPty>	[1..1]	±		1159
	RecipientParty <RcptPty>	[0..1]	±		1159
	Traceability <Tracblt>	[0..*]	±		1160
	ReportResponse <RptRspn>	[1..1]			1160
	Environment <Envt>	[1..1]	±	C9	1175
	Context <Cntxt>	[1..1]		C10	1182
	PaymentContext <PmtCntxt>	[0..1]			1185
	CardPresent <CardPres>	[0..1]	Indicator		1185
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1185
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1186
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1186
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1186
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1186
	BusinessArea <BizArea>	[0..1]	CodeSet		1187
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1187
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1187
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1188
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1188
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1189
	SaleContext <SaleCntxt>	[0..1]			1189
	SaleIdentification <SaleId>	[0..1]	Text		1190
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1190
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1191

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		1191
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1191
	ShiftNumber <ShftNb>	[0..1]	Text		1191
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1191
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1191
	InvoiceNumber <InvcNb>	[0..1]	Text		1191
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1192
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1192
	CommonName <CmonNm>	[1..1]	Text		1192
	Address <Adr>	[0..1]	Text		1192
	CountryCode <CtryCd>	[1..1]	CodeSet		1192
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1192
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1192
	SplitPayment <SplitPmt>	[0..1]	Indicator		1193
	RemainingAmount <RmngAmt>	[0..1]	Amount		1193
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1193
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1193
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1193
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1194
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1194
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1194
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1195
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1195
	SystemToNotify <SysToNtfy>	[0..1]	Text		1195
	Debtor <Dbtr>	[0..1]	±		1196
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1197
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1197
	Creditor <Cdtr>	[0..1]	±		1197
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1198
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1199
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1199

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1200
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1201
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1202
	Creditor <Cdtr>	[0..1]	±		1202
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1203
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1204
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1204
	MandateIdentification <MndtId>	[1..1]	Text		1205
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1205
	MandateImage <MndtImg>	[0..1]	Binary		1205
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1205
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1205
	ReportTransactionResponse <RptTxRspn>	[0..1]			1206
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1218
	BlockStart <BlckStart>	[1..1]	Quantity		1218
	BlockStop <BlckStop>	[1..1]	Quantity		1218
	TransactionReport <TxRpt>	[0..*]			1219
	Environment <Envt>	[1..1]	±	C9	1231
	Context <Cntxt>	[1..1]		C10	1237
	PaymentContext <PmtCntxt>	[0..1]			1240
	CardPresent <CardPres>	[0..1]	Indicator		1240
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AttnDntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AttnDntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1243

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1244
	SaleContext <SaleCntxt>	[0..1]			1244
	SaleIdentification <SaleId>	[0..1]	Text		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1246
	CashierIdentification <CshrlId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1246
	InvoiceNumber <InvcNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <RegldId>	[1..1]	Text		1247
	SplitPayment <Spltpmt>	[0..1]	Indicator		1248
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1249
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1254
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1254
	Debtor <Dbtr>	[0..1]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1260
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1260
	PaymentResponse <PmtRspn>	[0..1]			1261
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1263
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1263
	POITransactionIdentification <POITxId>	[1..1]	±		1263
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1263
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1263
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1263
	PaymentReceipt <PmtRct>	[0..*]			1271
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272
	LoyaltyResult <LltyRslt>	[0..*]			1273
	Account <Acct>	[1..1]	±		1274

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvlCd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1277
	SaleItemRebate <SaleitmRbt>	[0..*]			1277
	SaleItem <Saleitm>	[1..1]	±		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1278
	CustomerOrder <CstmrOrd>	[0..*]	±		1278
	ReversalResponse <RvsIRspn>	[0..1]			1279
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1280
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1280
	POITransactionIdentification <POITxId>	[1..1]	±		1280
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1280
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1280
	ReversalTransactionResult <RvsITxRslt>	[1..1]	±		1280
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1285
	Receipt <Rct>	[0..*]			1285
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1287
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1288

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POITransactionIdentification <POITxId>	[0..1]	±		1289
	PaymentAccount <PmtAcct>	[0..1]			1289
	Currency <Ccy>	[0..1]	CodeSet	C1	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290
	LoyaltyAccount <LltyAcct>	[0..1]	±		1290
	StoredValueAccount <StordValAcct>	[0..*]			1290
	AccountType <AcctTp>	[0..1]	CodeSet		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294
	Receipt <Rct>	[0..*]			1294
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295
	LoyaltyResponse <LltyRspn>	[0..1]			1295
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1296
	POITransactionIdentification <POITxId>	[1..1]	±		1296
	POIReconciliationIdentification <POIRcncclnId>	[0..1]	Text		1297
	Result <RsIt>	[0..*]			1297
	Account <Acct>	[1..1]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1299
	ApprovalCode <ApprvICd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLbl>	[0..1]	Text		1300
	SaleItemRebate <SaleItmRbt>	[0..*]			1300
	SaleItem <SaleItm>	[1..1]	±		1301
	RebateLabel <RbtLbl>	[0..1]	Text		1301
	StoredValueResponse <StordValRspn>	[0..1]			1301
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1307
	POITransactionIdentification <POITxId>	[1..1]	±		1307
	Result <RsIt>	[0..*]			1308
	Provider <Prvdr>	[0..1]	Text		1314
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIID>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtDtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <Saleitm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxId>	[0..1]	±		1369
	Receipt <Rct>	[0..*]			1369
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370
	BatchResponse <BtchRspn>	[0..1]			1371
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1372
	POIBatchIdentification <POIBtchId>	[0..1]	±		1373

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PerformedTransaction <PrfrmdTx>	[0..*]			1373
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1375
	POITransactionIdentification <POITxId>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LtyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvICd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleitmRbt>	[0..*]			1386
	SaleItem <Saleitm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1387
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1388
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1388
	POITransactionIdentification <POITxId>	[1..1]	±		1388
	PaymentBrand <PmtBrnd>	[0..*]	Text		1388
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1389
	LoyaltyAccount <LtyAcct>	[0..*]	±		1389
	CustomerOrder <CstmrOrd>	[0..*]	±		1389

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1390
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1390
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1391
	POIReconciliationIdentification <POIRcncltnld>	[1..1]	Text		1393
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1393
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1395
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1395
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1395
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		1395
	Brand <Brnd>	[0..1]	Text		1396
	POIIdentification <POIld>	[0..1]	Text		1396
	SaleIdentification <Saleld>	[0..1]	Text		1396
	CashierIdentification <Cshrlld>	[0..1]	Text		1396
	ShiftNumber <ShftNb>	[0..1]	Text		1396
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1396
	CommonName <CmonNm>	[1..1]	Text		1396
	Address <Adr>	[0..1]	Text		1397
	CountryCode <CtryCd>	[1..1]	CodeSet		1397
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1397
	RegisteredIdentifier <Regldr>	[1..1]	Text		1397
	TransactionTotal <TxTtl>	[1..1]			1397
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1397
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1398
	Currency <Ccy>	[0..1]	CodeSet	C1	1398
	Type <Tp>	[1..1]	CodeSet		1398
	TotalNumber <TtlNb>	[1..1]	Quantity		1398
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1399
	DetailedAmount <DtldAmt>	[0..1]	±		1399
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1399
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1399
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1400

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1400
	Currency <Ccy>	[0..1]	CodeSet	C1	1400
	TransactionType <TxTp>	[1..1]	CodeSet		1400
	TotalNumber <TtlNb>	[1..1]	Quantity		1401
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1401
	DetailedAmount <DtldAmt>	[0..1]	±		1401
	Response <Rspn>	[1..1]	±		1401
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402
	SecurityTrailer <SctyTrlr>	[0..1]	±		1402

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		1157
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1158
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1158
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1158
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1158
	InitiatingParty <InitgPty>	[1..1]	±		1159
	RecipientParty <RcptPty>	[0..1]	±		1159
	Traceability <Tracblt>	[0..*]	±		1160

26.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2423

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.

26.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2456

26.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2449

26.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2455

26.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

26.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1175
	Context <Cntxt>	[1..1]		C10	1182
	PaymentContext <PmtCntxt>	[0..1]			1185
	CardPresent <CardPres>	[0..1]	Indicator		1185
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1185
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1186
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1186
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1186
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1186
	BusinessArea <BizArea>	[0..1]	CodeSet		1187
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1187
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1187
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1188
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1188
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1189
	SaleContext <SaleCntxt>	[0..1]			1189
	SaleIdentification <SaleId>	[0..1]	Text		1190
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1190
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1191
	CashierIdentification <CshrId>	[0..1]	Text		1191
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1191
	ShiftNumber <ShftNb>	[0..1]	Text		1191
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1191
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1191
	InvoiceNumber <InvNb>	[0..1]	Text		1191
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1192
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1192
	CommonName <CmonNm>	[1..1]	Text		1192
	Address <Adr>	[0..1]	Text		1192
	CountryCode <CtryCd>	[1..1]	CodeSet		1192
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1192
	SplitPayment <SpltPmt>	[0..1]	Indicator		1193
	RemainingAmount <RmngAmt>	[0..1]	Amount		1193
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1193
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1193
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1193
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1194
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1194
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1194
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1195
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1195
	SystemToNotify <SysToNtfy>	[0..1]	Text		1195
	Debtor <Dbtr>	[0..1]	±		1196
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1197
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1197
	Creditor <Cdtr>	[0..1]	±		1197
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1198
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1199
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1199
	Debtor <Dbtr>	[0..1]	±		1200
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1201
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1202
	Creditor <Cdtr>	[0..1]	±		1202
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1203
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1204
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1204
	MandateIdentification <MndtId>	[1..1]	Text		1205
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1205
	MandateImage <MndtImg>	[0..1]	Binary		1205
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1205
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionResponse <RptTxRspn>	[0..1]			1206
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1218
	BlockStart <BlckStart>	[1..1]	Quantity		1218
	BlockStop <BlckStop>	[1..1]	Quantity		1218
	TransactionReport <TxRpt>	[0..*]			1219
	Environment <Envt>	[1..1]	±	C9	1231
	Context <Cntxt>	[1..1]		C10	1237
	PaymentContext <PmtCntxt>	[0..1]			1240
	CardPresent <CardPres>	[0..1]	Indicator		1240
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1243
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1244
	SaleContext <SaleCntxt>	[0..1]			1244
	SaleIdentification <SaleId>	[0..1]	Text		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1246
	CashierIdentification <CshrId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1246
	InvoiceNumber <InvNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1247
	SplitPayment <Spltpmt>	[0..1]	Indicator		1248
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1249
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1254
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1254
	Debtor <Dbtr>	[0..1]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1260
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1260
	PaymentResponse <PmtRspn>	[0..1]			1261
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1263
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1263
	POITransactionIdentification <POITxId>	[1..1]	±		1263
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1263
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1263
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1263
	PaymentReceipt <PmtRct>	[0..*]			1271
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272
	LoyaltyResult <LltyRslt>	[0..*]			1273
	Account <Acct>	[1..1]	±		1274
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvlCd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItemRebate <SaleItmRbt>	[0..*]			1277
	SaleItem <SaleItm>	[1..1]	±		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1278
	CustomerOrder <CstmrOrd>	[0..*]	±		1278
	ReversalResponse <RvslRspn>	[0..1]			1279
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1280
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1280
	POITransactionIdentification <POITxId>	[1..1]	±		1280
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1280
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1280
	ReversalTransactionResult <RvslTxRslt>	[1..1]	±		1280
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1285
	Receipt <Rct>	[0..*]			1285
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1287
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1288
	POITransactionIdentification <POITxId>	[0..1]	±		1289
	PaymentAccount <PmtAcct>	[0..1]			1289
	Currency <Ccy>	[0..1]	CodeSet	C1	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290
	LoyaltyAccount <LltyAcct>	[0..1]	±		1290
	StoredValueAccount <StordValAcct>	[0..*]			1290
	AccountType <AcctTp>	[0..1]	CodeSet		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294
	Receipt <Rct>	[0..*]			1294
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295
	LoyaltyResponse <LtyRspn>	[0..1]			1295
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1296
	POITransactionIdentification <POITxld>	[1..1]	±		1296
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1297
	Result <Rslt>	[0..*]			1297
	Account <Acct>	[1..1]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		1299
	ApprovalCode <AprvlCd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleitmRbt>	[0..*]			1300
	SaleItem <Saleitm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1301
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1307
	POITransactionIdentification <POITxId>	[1..1]	±		1307
	Result <RsIt>	[0..*]			1308
	Provider <Prvdr>	[0..1]	Text		1314
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnIPOITx>	[0..1]			1318
	TransactionCapture <TxCapt>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstm>	[0..*]	CodeSet		1323
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnITx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtDtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convrs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsItgAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcmng>	[0..1]	±		1357

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AggregationTransaction <AggtnTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <SaleItm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrdr>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxId>	[0..1]	±		1369
	Receipt <Rct>	[0..*]			1369
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370
	BatchResponse <BtchRspn>	[0..1]			1371
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1372
	POIBatchIdentification <POIBtchId>	[0..1]	±		1373
	PerformedTransaction <PrfrmdTx>	[0..*]			1373
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1375
	POITransactionIdentification <POITxId>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LtyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvlCd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleItmRbt>	[0..*]			1386
	SaleItem <SaleItm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387
	ReversedAmount <RvrsdAmt>	[0..1]	Amount		1387
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1388
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1388
	POITransactionIdentification <POITxId>	[1..1]	±		1388
	PaymentBrand <PmtBrnd>	[0..*]	Text		1388
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1389
	LoyaltyAccount <LtyAcct>	[0..*]	±		1389
	CustomerOrder <CstmrOrdr>	[0..*]	±		1389
	Response <Rspn>	[1..1]	±		1390
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1390
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1391
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1393
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1393
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1395
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1395
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1395
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1395
	Brand <Brnd>	[0..1]	Text		1396
	POIIdentification <POIId>	[0..1]	Text		1396

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleId Identification <SaleId>	[0..1]	Text		1396
	CashierId Identification <CshrlId>	[0..1]	Text		1396
	ShiftNumber <ShftNb>	[0..1]	Text		1396
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1396
	CommonName <CmonNm>	[1..1]	Text		1396
	Address <Adr>	[0..1]	Text		1397
	CountryCode <CtryCd>	[1..1]	CodeSet		1397
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1397
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1397
	TransactionTotal <TxTtl>	[1..1]			1397
	POIGroup Identification <POIGrpId>	[0..1]	Text		1397
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1398
	Currency <Ccy>	[0..1]	CodeSet	C1	1398
	Type <Tp>	[1..1]	CodeSet		1398
	TotalNumber <TtlNb>	[1..1]	Quantity		1398
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1399
	DetailedAmount <DtldAmt>	[0..1]	±		1399
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1399
	POIGroup Identification <POIGrpId>	[0..1]	Text		1399
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1400
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1400
	Currency <Ccy>	[0..1]	CodeSet	C1	1400
	TransactionType <TxTp>	[1..1]	CodeSet		1400
	TotalNumber <TtlNb>	[1..1]	Quantity		1401
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1401
	DetailedAmount <DtldAmt>	[0..1]	±		1401
	Response <Rspn>	[1..1]	±		1401
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402

26.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Env> contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1185
	CardPresent <CardPres>	[0..1]	Indicator		1185
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1185
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1186
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1186
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1186
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1186
	BusinessArea <BizArea>	[0..1]	CodeSet		1187
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1187
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1187
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1188
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1188
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1189
	SaleContext <SaleCntxt>	[0..1]			1189
	SaleIdentification <SaleId>	[0..1]	Text		1190
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1190
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1191
	CashierIdentification <CshrId>	[0..1]	Text		1191
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1191
	ShiftNumber <ShftNb>	[0..1]	Text		1191
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1191
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1191
	InvoiceNumber <InvNb>	[0..1]	Text		1191
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1192
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1192
	CommonName <CmonNm>	[1..1]	Text		1192
	Address <Adr>	[0..1]	Text		1192
	CountryCode <CtryCd>	[1..1]	CodeSet		1192
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1192
	RegisteredIdentifier <Regldr>	[1..1]	Text		1192
	SplitPayment <SpltPmt>	[0..1]	Indicator		1193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1193
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1193
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1193
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1193
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1194
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1194
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1194
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1195
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1195
	SystemToNotify <SysToNtfy>	[0..1]	Text		1195
	Debtor <Dbtr>	[0..1]	±		1196
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1197
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1197
	Creditor <Cdtr>	[0..1]	±		1197
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1198
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1199
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1199
	Debtor <Dbtr>	[0..1]	±		1200
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1201
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1202
	Creditor <Cdtr>	[0..1]	±		1202
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1203
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1204
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1204
	MandateIdentification <MndtId>	[1..1]	Text		1205
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1205
	MandateImage <MndtImg>	[0..1]	Binary		1205
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1205

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		1185
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1185
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1186
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1186
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		1186
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1186
	BusinessArea <BizArea>	[0..1]	CodeSet		1187
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1187
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1187
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1188
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1188
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1189

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 2449](#)):

- *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 2449](#)):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2405

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 2441

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		1190
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1190
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1191
	CashierIdentification <CshrId>	[0..1]	Text		1191
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1191
	ShiftNumber <ShftNb>	[0..1]	Text		1191
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1191
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1191
	InvoiceNumber <InvcNb>	[0..1]	Text		1191
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1192
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1192
	CommonName <CmonNm>	[1..1]	Text		1192
	Address <Adr>	[0..1]	Text		1192
	CountryCode <CtryCd>	[1..1]	CodeSet		1192
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1192
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1192
	SplitPayment <Spltpmt>	[0..1]	Indicator		1193
	RemainingAmount <RmngAmt>	[0..1]	Amount		1193
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1193
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1193
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1193
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1194
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1194

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 2454

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 2454

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 2454

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 2454

26.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

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 2453

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 2449):

- *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 2454

26.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

26.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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		1192
	Address <Adr>	[0..1]	Text		1192
	CountryCode <CtryCd>	[1..1]	CodeSet		1192
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1192
	RegisteredIdentifier <Regldr>	[1..1]	Text		1192

26.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

26.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

26.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

26.4.2.2.2.14 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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1195
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1195
	SystemToNotify <SysToNtfy>	[0..1]	Text		1195
	Debtor <Dbtr>	[0..1]	±		1196
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1197
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1197
	Creditor <Cdtr>	[0..1]	±		1197
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1198
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1199

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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]	±		1200
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1201
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1202
	Creditor <Cdtr>	[0..1]	±		1202
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1203
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1204
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1204
	MandateIdentification <MndtId>	[1..1]	Text		1205
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1205
	MandateImage <MndtImg>	[0..1]	Binary		1205
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1205

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1205
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1205
	MandateImage <MndtImg>	[0..1]	Binary		1205
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1205

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 2454

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 2447

26.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

26.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 2438

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 **ReportTransactionResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1218
	BlockStart <BlckStart>	[1..1]	Quantity		1218
	BlockStop <BlckStop>	[1..1]	Quantity		1218
	TransactionReport <TxRpt>	[0..*]			1219
	Environment <Envt>	[1..1]	±	C9	1231
	Context <Cntxt>	[1..1]		C10	1237
	PaymentContext <PmtCntxt>	[0..1]			1240
	CardPresent <CardPres>	[0..1]	Indicator		1240
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1243
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1244
	SaleContext <SaleCntxt>	[0..1]			1244
	SaleIdentification <SaleId>	[0..1]	Text		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1246
	CashierIdentification <CshrlId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1246
	InvoiceNumber <InvNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1247
	SplitPayment <Spltpmt>	[0..1]	Indicator		1248
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1249
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1254
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1254
	Debtor <Dbtr>	[0..1]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1260
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1260
	PaymentResponse <PmtRspn>	[0..1]			1261
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1263
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1263
	POITransactionIdentification <POITxId>	[1..1]	±		1263
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1263
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1263
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1263
	PaymentReceipt <PmtRct>	[0..*]			1271
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272
	LoyaltyResult <LtyRslt>	[0..*]			1273
	Account <Acct>	[1..1]	±		1274
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvICd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItemRebate <SaleItmRbt>	[0..*]			1277
	SaleItem <SaleItm>	[1..1]	±		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1278
	CustomerOrder <CstmrOrd>	[0..*]	±		1278
	ReversalResponse <RvsIRspn>	[0..1]			1279
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1280
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1280
	POITransactionIdentification <POITxId>	[1..1]	±		1280
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1280
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1280
	ReversalTransactionResult <RvsITxRslt>	[1..1]	±		1280
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1285
	Receipt <Rct>	[0..*]			1285
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1287
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1288
	POITransactionIdentification <POITxId>	[0..1]	±		1289
	PaymentAccount <PmtAcct>	[0..1]			1289
	Currency <Ccy>	[0..1]	CodeSet	C1	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290
	LoyaltyAccount <LltyAcct>	[0..1]	±		1290
	StoredValueAccount <StordValAcct>	[0..*]			1290
	AccountType <AcctTp>	[0..1]	CodeSet		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294
	Receipt <Rct>	[0..*]			1294
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295
	LoyaltyResponse <LtyRspn>	[0..1]			1295
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1296
	POITransactionIdentification <POITxld>	[1..1]	±		1296
	POIReconciliationIdentification <POIRcncld>	[0..1]	Text		1297
	Result <Rslt>	[0..*]			1297
	Account <Acct>	[1..1]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		1299
	ApprovalCode <ApprvlCd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncld>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleitmRbt>	[0..*]			1300
	SaleItem <Saleitm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1301
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1307
	POITransactionIdentification <POITxId>	[1..1]	±		1307
	Result <RsIt>	[0..*]			1308
	Provider <Prvdr>	[0..1]	Text		1314
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIdentification <POId>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvICtg>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AcctpdByCrhdldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AggregationTransaction <AggtTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <SaleItm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrtctdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxld>	[0..1]	±		1369
	Receipt <Rct>	[0..*]			1369
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370
	BatchResponse <BtchRspn>	[0..1]			1371
	SaleBatchIdentification <SaleBtchld>	[0..1]	±		1372
	POIBatchIdentification <POIBtchld>	[0..1]	±		1373
	PerformedTransaction <PrfrmdTx>	[0..*]			1373
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1375
	POITransactionIdentification <POITxld>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LltyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvlCd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleitmRbt>	[0..*]			1386
	SaleItem <Saleitm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1387
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1388
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1388
	POITransactionIdentification <POITxId>	[1..1]	±		1388
	PaymentBrand <PmtBrnd>	[0..*]	Text		1388
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1389
	LoyaltyAccount <LtyAcct>	[0..*]	±		1389
	CustomerOrder <CstmrOrd>	[0..*]	±		1389
	Response <Rspn>	[1..1]	±		1390
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1390

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 2450

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 2450

26.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

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

Datatype: "PositiveNumber" on page 2450

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 **ServiceResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1231
	Context <Cntxt>	[1..1]		C10	1237
	PaymentContext <PmtCntxt>	[0..1]			1240
	CardPresent <CardPres>	[0..1]	Indicator		1240
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1243
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1244
	SaleContext <SaleCntxt>	[0..1]			1244
	SaleIdentification <SaleId>	[0..1]	Text		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1246
	CashierIdentification <CshrId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1246
	InvoiceNumber <InvNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1247
	SplitPayment <SpltPmt>	[0..1]	Indicator		1248
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1249
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1254
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1254
	Debtor <Dbtr>	[0..1]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1260
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1260

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentResponse <PmtRspn>	[0..1]			1261
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1263
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		1263
	POITransactionIdentification <POITxld>	[1..1]	±		1263
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1263
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1263
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1263
	PaymentReceipt <PmtRct>	[0..*]			1271
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272
	LoyaltyResult <LltyRslt>	[0..*]			1273
	Account <Acct>	[1..1]	±		1274
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LltySvrld>	[0..1]	Text		1276
	ApprovalCode <ApprvlCd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LltyTxld>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLabl>	[0..1]	Text		1277
	SaleItemRebate <SaleItmRbt>	[0..*]			1277
	SaleItem <SaleItm>	[1..1]	±		1277
	RebateLabel <RbtLabl>	[0..1]	Text		1278
	CustomerOrder <CstmrOrd>	[0..*]	±		1278
	ReversalResponse <RvslRspn>	[0..1]			1279

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1280
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1280
	POITransactionIdentification <POITxId>	[1..1]	±		1280
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1280
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1280
	ReversalTransactionResult <RvsITxRslt>	[1..1]	±		1280
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1285
	Receipt <Rct>	[0..*]			1285
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1287
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1288
	POITransactionIdentification <POITxId>	[0..1]	±		1289
	PaymentAccount <PmtAcct>	[0..1]			1289
	Currency <Ccy>	[0..1]	CodeSet	C1	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290
	LoyaltyAccount <LtyAcct>	[0..1]	±		1290
	StoredValueAccount <StordValAcct>	[0..*]			1290
	AccountType <AcctTp>	[0..1]	CodeSet		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Receipt <Rct>	[0..*]			1294
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295
	LoyaltyResponse <LtyRspn>	[0..1]			1295
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1296
	POITransactionIdentification <POITxld>	[1..1]	±		1296
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1297
	Result <Rslt>	[0..*]			1297
	Account <Acct>	[1..1]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		1299
	ApprovalCode <ApprvlCd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleItmRbt>	[0..*]			1300
	SaleItem <SaleItm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301
	StoredValueResponse <StordValRspn>	[0..1]			1301
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1307
	POITransactionIdentification <POITxld>	[1..1]	±		1307
	Result <Rslt>	[0..*]			1308
	Provider <Prvdr>	[0..1]	Text		1314

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIID>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1352

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtDtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtnTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <Saleitm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1359

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrtctdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxId>	[0..1]	±		1369
	Receipt <Rct>	[0..*]			1369
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370
	BatchResponse <BtchRspn>	[0..1]			1371
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1372
	POIBatchIdentification <POIBtchId>	[0..1]	±		1373
	PerformedTransaction <PrfrmdTx>	[0..*]			1373
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1375
	POITransactionIdentification <POITxId>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LtyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvICd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLabl>	[0..1]	Text		1386
	SaleItemRebate <SaleItmRbt>	[0..*]			1386
	SaleItem <SaleItm>	[1..1]	±		1387
	RebateLabel <RbtLabl>	[0..1]	Text		1387
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1387
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1388
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1388
	POITransactionIdentification <POITxId>	[1..1]	±		1388
	PaymentBrand <PmtBrnd>	[0..*]	Text		1388
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1389
	LoyaltyAccount <LtyAcct>	[0..*]	±		1389
	CustomerOrder <CstmrOrdr>	[0..*]	±		1389
	Response <Rspn>	[1..1]	±		1390
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1390

26.4.2.4.4.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1240
	CardPresent <CardPres>	[0..1]	Indicator		1240
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1243
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1244
	SaleContext <SaleCntxt>	[0..1]			1244
	SaleIdentification <SaleId>	[0..1]	Text		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1246
	CashierIdentification <CshrId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1246
	InvoiceNumber <InvNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <Regldr>	[1..1]	Text		1247
	SplitPayment <SpltPmt>	[0..1]	Indicator		1248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1249
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1254
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1254
	Debtor <Dbtr>	[0..1]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1260

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		1240
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1240
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1241
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1241
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1241
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1241
	BusinessArea <BizArea>	[0..1]	CodeSet		1242
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1242
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1242
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1243
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1243
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1244

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 2449):

- *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 2449):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2441

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		1245
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1245
	SaleReconciliationIdentification <SaleRcncInId>	[0..1]	Text		1246
	CashierIdentification <CshrId>	[0..1]	Text		1246
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1246
	ShiftNumber <ShftNb>	[0..1]	Text		1246
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1246
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1246
	InvoiceNumber <InvcNb>	[0..1]	Text		1246
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1247
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1247
	CommonName <CmonNm>	[1..1]	Text		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1247
	SplitPayment <SpltPmt>	[0..1]	Indicator		1248
	RemainingAmount <RmngAmt>	[0..1]	Amount		1248
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1248
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1248
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1248
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1249
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1249

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 2454

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 2454

26.4.2.4.4.2.2.3 SaleReconciliationIdentification <SaleRcncId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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 2454

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 2420

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 2453

26.4.2.4.4.2.2.7 CustomerOrderRequestFlag <CstmrOrdReqFlg>

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 2449):

- *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 2454

26.4.2.4.4.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1247
	Address <Adr>	[0..1]	Text		1247
	CountryCode <CtryCd>	[1..1]	CodeSet		1247
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1247
	RegisteredIdentifier <Regldr>	[1..1]	Text		1247

26.4.2.4.4.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

26.4.2.4.4.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

26.4.2.4.4.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1250
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1250
	SystemToNotify <SysToNtfy>	[0..1]	Text		1250
	Debtor <Dbtr>	[0..1]	±		1251
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1252
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1252
	Creditor <Cdtr>	[0..1]	±		1252
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1253
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1254

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1255
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1256
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1257
	Creditor <Cdtr>	[0..1]	±		1257
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1258
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1259
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1259
	MandateIdentification <MndtId>	[1..1]	Text		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1260

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1260
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1260
	MandateImage <MndtImg>	[0..1]	Binary		1260
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1260

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 2454

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 2447

26.4.2.4.4.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

26.4.2.4.4.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service response.

Datatype: "RetailerService3Code" on page 2437

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 **PaymentResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1263
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1263
	POITransactionIdentification <POITxId>	[1..1]	±		1263
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1263
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1263
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1263
	PaymentReceipt <PmtRct>	[0..*]			1271
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272
	LoyaltyResult <LtyRslt>	[0..*]			1273
	Account <Acct>	[1..1]	±		1274
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvlCd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1277
	SaleItemRebate <SaleitmRbt>	[0..*]			1277
	SaleItem <Saleitm>	[1..1]	±		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1278
	CustomerOrder <CstmrOrdr>	[0..*]	±		1278

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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
"RetailerPaymentResult8" on page 2108 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2116
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2116
	TransactionType <TxTp>	[1..1]	CodeSet		2117
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2118
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2118
	RequestedTransaction <ReqdTxx>	[0..1]			2119
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2124
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2125
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2127
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2128
	TransactionIdentification <TxId>	[1..1]	±		2128
	OriginalTransaction <OrgnlTx>	[0..1]			2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2130
	TransactionIdentification <TxId>	[1..1]	±		2130
	POIIdentification <POIID>	[1..1]			2130
	Identification <Id>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer <Issr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132
	CurrencyConversion <CcyConvs>	[0..1]			2132
	Result <RsIt>	[1..1]	CodeSet		2134
	ResultReason <RsItRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <ApplBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkupDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2140
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2141
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2141

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2141
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2141
	TransactionDetails <TxDtls>	[1..1]			2142
	Currency <Ccy>	[0..1]	CodeSet	C1	2145
	TotalAmount <TtlAmt>	[1..1]	Amount		2145
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2145
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2145
	DetailedAmount <DtldAmt>	[0..1]	±		2145
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2146
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2146
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2146
	ValidityDate <VldtyDt>	[0..1]	Date		2146
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2146
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2147
	AccountType <AcctTp>	[0..1]	CodeSet		2147
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2148
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <ApblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2156
	Instalment <Instlmt>	[0..*]	±		2157
	Recurring <Rcrng>	[0..1]	±		2158
	AggregationTransaction <AggtTx>	[0..1]	±		2159
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2159
	SaleItem <Saleitm>	[0..*]	±		2159
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2160
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2160
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2160
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2160
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2161
	AdditionalInformation <AddtlInf>	[0..*]			2161
	Identification <Id>	[1..1]	Text		2161
	Value <Val>	[0..1]	Binary		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2161
	Type <Tp>	[0..1]	Text		2162
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2162
	AuthorisationResult <AuthstnRslt>	[0..1]			2162
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2162
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2163
	Response <Rspn>	[1..1]	CodeSet		2163
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2164
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2164
	CustomerOrder <CstmrOrdr>	[0..1]	±		2164
	CustomerToken <CstmrTkn>	[0..1]	±		2164
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2165
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2165
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2165
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2165
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2166
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2166
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2166
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2166
	ActionType <ActnTp>	[1..1]	CodeSet		2166
	MessageToPresent <MsgToPres>	[0..1]	±		2167
	RemoteAccess <RmotAccs>	[0..1]	±		2168
	Retry <Rtry>	[0..1]	±		2168
	TimeCondition <TmCond>	[0..1]	±		2169
	TransactionResponse <TxRspn>	[0..1]			2169
	AuthorisationResult <AuthstnRslt>	[1..1]			2172
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2172
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2173
	Response <Rspn>	[1..1]	CodeSet		2173

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2173
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2173
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2173
	TMSTrigger <TMSTrggr>	[0..1]			2174
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174
	AllowedProductCode <AllwdPdctCd>	[0..*]			2174
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2176
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2176
	AmountLimit <AmtLmt>	[0..1]	Amount		2176
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2176
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2176
	Balance <Bal>	[0..1]	±		2178
	ProtectedBalance <PrctcdBal>	[0..1]	±		2178
	Action <Actn>	[0..*]			2179
	ActionType <ActnTp>	[1..1]	CodeSet		2179
	MessageToPresent <MsgToPres>	[0..1]	±		2180
	RemoteAccess <RmotAccs>	[0..1]	±		2181
	Retry <Rtry>	[0..1]	±		2181
	TimeCondition <TmCond>	[0..1]	±		2182
	CurrencyConversionEligibility <CcyConvsElgbty>	[0..1]			2182
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2184
	TargetCurrency <TrgtCcy>	[1..1]			2184

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2184
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2185
	ExchangeRate <XchgRate>	[1..1]	Rate		2185
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2185
	QuotationDate <QtnDt>	[0..1]	DateTime		2185
	ValidFrom <VldFr>	[0..1]	DateTime		2185
	ValidUntil <VldUntil>	[0..1]	DateTime		2185
	SourceCurrency <SrcCcy>	[1..1]			2185
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186
	ApplicableBinRange <ApblBinRg>	[0..*]			2186
	LowerBin <LwrBin>	[1..1]	Text		2187
	HigherBin <HghrBin>	[1..1]	Text		2187
	OriginalAmount <OrgnlAmt>	[0..1]			2187
	ActualAmount <ActlAmt>	[0..1]	Amount		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187
	CommissionDetails <ComssnDtls>	[0..*]			2188
	Amount <Amt>	[1..1]	Amount		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	MarkUpDetails <MrkUpDtls>	[0..*]			2188
	Rate <Rate>	[1..1]	Rate		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	DeclarationDetails <DclrtDtls>	[0..*]	±		2188
	CustomerOrder <CstmrOrdr>	[0..*]	±		2189
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2190

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2190
	ImageData <ImgData>	[0..1]	Binary		2190
	ImageReference <ImgRef>	[0..1]	Text		2191
	AdditionalInformation <AddtlInf>	[0..1]	Text		2191
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2191
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2191
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2191
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2191

26.4.2.4.4.4.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1271
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1272
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1272
	OutputContent <OutptCntt>	[1..1]	±		1272

26.4.2.4.4.4.7.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2413

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment

CodeName	Name	Definition
		instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

26.4.2.4.4.4.7.2 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 2449](#)):

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

26.4.2.4.4.4.7.3 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 2449](#)):

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

26.4.2.4.4.4.7.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutputCntt> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

26.4.2.4.4.8 LoyaltyResult <LltyRsIt>

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]	±		1274
	Amount <Amt>	[0..1]			1275
	Unit <Unit>	[0..1]	CodeSet		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275
	ServerData <SvrData>	[0..1]			1275
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvlCd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276
	Rebates <Rbts>	[0..1]			1276
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1277
	SaleItemRebate <SaleItmRbt>	[0..*]			1277
	SaleItem <SaleItm>	[1..1]	±		1277
	RebateLabel <RbtLbl>	[0..1]	Text		1278

26.4.2.4.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

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		1275
	Currency <Ccy>	[0..1]	CodeSet	C1	1275
	Amount <Amt>	[1..1]	Amount		1275

26.4.2.4.4.4.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2398

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 2388

Constraints

- **ActiveCurrency**

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

26.4.2.4.4.4.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

26.4.2.4.4.4.8.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1276
	ApprovalCode <ApprvICd>	[0..1]	Text		1276
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1276
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1276

26.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2454

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 2458

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2454

26.4.2.4.4.8.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		1277
	RebateLabel <RbtLabl>	[0..1]	Text		1277
	SaleItemRebate <SaleitmRbt>	[0..*]			1277
	SaleItem <Saleitm>	[1..1]	±		1277
	RebateLabel <RbtLabl>	[0..1]	Text		1278

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 2384

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 2454

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]	±		1277
	RebateLabel <RbtLabl>	[0..1]	Text		1278

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

26.4.2.4.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

26.4.2.4.4.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

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

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

26.4.2.4.4.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1280
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1280
	POITransactionIdentification <POITxId>	[1..1]	±		1280
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1280
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1280
	ReversalTransactionResult <RvslTxRslt>	[1..1]	±		1280
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1285
	Receipt <Rct>	[0..*]			1285
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.5.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 2454

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 2452

26.4.2.4.4.5.6 ReversalTransactionResult <RvsITxRsIt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvsITxRslt> contains the following elements (see
"RetailerReversalResult8" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		2057
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			2057
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2062
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2062
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2063
	TransactionType <TxTp>	[1..1]	CodeSet		2063
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2064
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2065
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2065
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2066
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2066
	TransactionIdentification <TxId>	[1..1]	±		2066
	OriginalTransaction <OrgnlTx>	[0..1]			2066
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2068
	TransactionIdentification <TxId>	[1..1]	±		2068
	POIIdentification <POIID>	[1..1]			2068
	Identification <Id>	[1..1]	Text		2069
	Type <Tp>	[0..1]	CodeSet		2069
	Issuer <Issr>	[0..1]	CodeSet		2069
	ShortName <ShrtNm>	[0..1]	Text		2070
	CurrencyConversion <CcyConvs>	[0..1]			2070
	Result <Rslt>	[1..1]	CodeSet		2072
	ResultReason <RsltRsn>	[0..1]	Text		2072
	ConversionDetails <ConvsDtls>	[0..*]			2072
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2075
	ExchangeRate <XchgRate>	[1..1]	Rate		2075
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <AplblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkUpDetails <MrkUpDtls>	[0..*]			2078
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2078
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2079
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2079
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2079
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2079
	TransactionDetails <TxDtls>	[1..1]			2080
	Currency <Ccy>	[0..1]	CodeSet	C1	2083

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2083
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2083
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2083
	DetailedAmount <DtlAmt>	[0..1]	±		2083
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2084
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2084
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2084
	ValidityDate <VldtyDt>	[0..1]	Date		2084
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2084
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2085
	AccountType <AcctTp>	[0..1]	CodeSet		2085
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2086
	AcceptedByCardholder <AccptdByCrdhlldr>	[0..1]	Indicator		2088
	Conversion <Convs>	[0..1]			2088
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2092
	LowerBin <LwrBin>	[1..1]	Text		2093
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2094
	Instalment <Instlmt>	[0..*]	±		2095
	Recurring <Rcrng>	[0..1]	±		2096
	AggregationTransaction <AggtnTx>	[0..1]	±		2097
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2097
	SaleItem <Saleitm>	[0..*]	±		2097
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2098
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2098
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2098
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2098
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2099
	AdditionalInformation <AddtlInf>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Value <Val>	[0..1]	Binary		2099
	ProtectedValue <PrctdVal>	[0..1]	±		2099
	Type <Tp>	[0..1]	Text		2100
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2100
	AuthorisationResult <AuthstnRslt>	[0..1]			2100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2100
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2101
	Response <Rspn>	[1..1]	CodeSet		2101
	ResponseReason <RspnRsn>	[0..1]	Text		2101
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2102
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2102
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2102
	CustomerOrder <CstmrOrdr>	[0..1]	±		2102
	CustomerToken <CstmrTkn>	[0..1]	±		2102
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2103
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2103
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2103
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2103
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2104
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2104
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2104
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2104
	ActionType <ActnTp>	[1..1]	CodeSet		2104
	MessageToPresent <MsgToPres>	[0..1]	±		2105
	RemoteAccess <RmotAccs>	[0..1]	±		2106
	Retry <Rtry>	[0..1]	±		2106
	TimeCondition <TmCond>	[0..1]	±		2107
	CustomerOrder <CstmrOrdr>	[0..*]	±		2107

26.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

26.4.2.4.4.5.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1286
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1286
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1286
	OutputContent <OutptCntt>	[1..1]	±		1287

26.4.2.4.4.5.8.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2413

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

26.4.2.4.4.5.8.2 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 2449):

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

26.4.2.4.4.5.8.3 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 2449):

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

26.4.2.4.4.5.8.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

26.4.2.4.4.6 BalanceInquiryResponse <BalNqryRspn>

Presence: [0..1]

Definition: Response data to a balance inquiry service request.

BalanceInquiryResponse <BalInqryRspn> contains the following **BalanceInquiryResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1288
	POITransactionIdentification <POITxId>	[0..1]	±		1289
	PaymentAccount <PmtAcct>	[0..1]			1289
	Currency <Ccy>	[0..1]	CodeSet	C1	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290
	LoyaltyAccount <LtyAcct>	[0..1]	±		1290
	StoredValueAccount <StordValAcct>	[0..*]			1290
	AccountType <AcctTp>	[0..1]	CodeSet		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294
	Receipt <Rct>	[0..*]			1294
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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	1289
	CurrentBalance <CurBal>	[0..1]	Amount		1290
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1290

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1737
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1738

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 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

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		1291
	IdentificationType <IdTp>	[0..1]	CodeSet		1292
	Identification <Id>	[0..1]	Text		1292
	Brand <Brnd>	[0..1]	Text		1292
	Provider <Prvdr>	[0..1]	Text		1292
	OwnerName <OwnrNm>	[0..1]	Text		1292
	ExpiryDate <XpryDt>	[0..1]	Text		1293
	EntryMode <NtryMd>	[0..1]	CodeSet		1293
	Currency <Ccy>	[0..1]	CodeSet	C1	1293
	Balance <Bal>	[0..1]	Amount		1294

26.4.2.4.4.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2439

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 2406

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 2454

26.4.2.4.4.6.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2454

26.4.2.4.4.6.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2454

26.4.2.4.4.6.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2455

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 2451

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 2405

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

26.4.2.4.4.6.6 Receipt <Rct>

Presence: [0..*]

Definition: Receipt to print after a balance inquiry.

Receipt <Rct> contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1294
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1294
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1295
	OutputContent <OutptCntt>	[1..1]	±		1295

26.4.2.4.4.6.6.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2413

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

26.4.2.4.4.6.6.2 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 2449):

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

26.4.2.4.4.6.3 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 2449):

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

26.4.2.4.4.6.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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]	±		1296
	POITransactionIdentification <POITxId>	[1..1]	±		1296
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1297
	Result <Rslt>	[0..*]			1297
	Account <Acct>	[1..1]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1299
	ApprovalCode <ApprvlCd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleitmRbt>	[0..*]			1300
	SaleItem <Saleitm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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]	±		1297
	Amount <Amt>	[0..1]			1298
	Unit <Unit>	[0..1]	CodeSet		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299
	ServerData <SvrData>	[0..1]			1299
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1299
	ApprovalCode <ApprvICd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1300
	Rebates <Rbts>	[0..1]			1300
	TotalRebate <TtlRbt>	[0..1]	Amount		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleItmRbt>	[0..*]			1300
	SaleItem <SaleItm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301

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 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

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		1298
	Currency <Ccy>	[0..1]	CodeSet	C1	1298
	Amount <Amt>	[1..1]	Amount		1299

26.4.2.4.4.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2398

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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		1299
	ApprovalCode <ApprvlCd>	[0..1]	Text		1299
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1299
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1300

26.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2454

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 2458

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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		1300
	RebateLabel <RbtLabl>	[0..1]	Text		1300
	SaleItemRebate <SaleItmRbt>	[0..*]			1300
	SaleItem <SaleItm>	[1..1]	±		1301
	RebateLabel <RbtLabl>	[0..1]	Text		1301

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 2384

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 2454

26.4.2.4.4.7.4.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1301
	RebateLabel <RbtLbl>	[0..1]	Text		1301

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

26.4.2.4.4.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1307
	POITransactionIdentification <POITxId>	[1..1]	±		1307
	Result <RsIt>	[0..*]			1308
	Provider <Prvdr>	[0..1]	Text		1314
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIId>	[1..1]			1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1339
	ReconciliationIdentification <Rcnclntld>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtnTx>	[0..1]	±		1358

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <SaleItm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrtctdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxId>	[0..1]	±		1369
	Receipt <Rct>	[0..*]			1369
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1314
	TransactionType <TxTp>	[1..1]	CodeSet		1314
	AccountIdentification <AcctId>	[0..1]			1314
	AccountType <AcctTp>	[0..1]	CodeSet		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIId>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtnTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <Saleitm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368
	ProductCode <PdctCd>	[0..1]	Text		1368
	EANUPC <EANUPC>	[0..1]	Text		1368
	ItemAmount <ItmAmt>	[0..1]	Amount		1368
	Currency <Ccy>	[0..1]	CodeSet	C1	1368
	HostTransactionIdentification <HstTxId>	[0..1]	±		1369

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 2454

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 2440

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		1315
	IdentificationType <IdTp>	[0..1]	CodeSet		1316
	Identification <Id>	[0..1]	Text		1316
	Brand <Brnd>	[0..1]	Text		1316
	Provider <Prvdr>	[0..1]	Text		1316
	OwnerName <OwnrNm>	[0..1]	Text		1316
	ExpiryDate <XpryDt>	[0..1]	Text		1317
	EntryMode <NtryMd>	[0..1]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1317
	Balance <Bal>	[0..1]	Amount		1318

26.4.2.4.4.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2439

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.

26.4.2.4.4.8.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2406

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

26.4.2.4.4.8.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2454

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 2454

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 2454

26.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2455

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 2451

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 2405

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.)

26.4.2.4.4.8.3.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1323
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1323
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1324
	TransactionType <TxTp>	[1..1]	CodeSet		1324
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1325
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1326
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1326
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1327
	TransactionIdentification <TxId>	[1..1]	±		1327
	OriginalTransaction <OrgnlTx>	[0..1]			1327
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIID>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1336

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtDtls>	[0..*]	±		1339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1340
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1340
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1340
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1340
	TransactionDetails <TxDtls>	[1..1]			1341
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtnTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <Saleitm>	[0..*]	±		1358
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1361
	AuthorisationResult <AuthstnRslt>	[0..1]			1361
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1363
	CustomerOrder <CstmrOrd>	[0..1]	±		1363
	CustomerToken <CstmrTkn>	[0..1]	±		1363
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1364
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1364
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1364
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1364
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1365
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1365
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1365
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1365
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368

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 2449):

- *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 2430

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.

26.4.2.4.4.8.3.4.3 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 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

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 2408

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.

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 2409

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.

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

26.4.2.4.4.8.3.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

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 2449):

- *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 2457](#)

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 2454](#)

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 2295](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.8.3.4.11 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1329
	TransactionIdentification <TxId>	[1..1]	±		1329
	POIIdentification <POIID>	[1..1]			1329
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331
	CurrencyConversion <CcyConvs>	[0..1]			1331
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1339

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1330
	Type <Tp>	[0..1]	CodeSet		1330
	Issuer <Issr>	[0..1]	CodeSet		1330
	ShortName <ShrtNm>	[0..1]	Text		1331

26.4.2.4.4.8.3.4.11.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

26.4.2.4.4.8.3.4.11.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType35Code" on page 2428

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

26.4.2.4.4.8.3.4.11.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

26.4.2.4.4.8.3.4.11.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1333
	ResultReason <RsltRsn>	[0..1]	Text		1333
	ConversionDetails <ConvsDtls>	[0..*]			1333
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1339

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 2411

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 2454

26.4.2.4.4.8.3.4.11.4.3 ConversionDetails <ConvDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1335
	TargetCurrency <TrgtCcy>	[1..1]			1335
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335
	ResultingAmount <RsltAmt>	[0..1]	Amount		1336
	ExchangeRate <XchgRate>	[1..1]	Rate		1336
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1336
	QuotationDate <QtnDt>	[0..1]	DateTime		1336
	ValidFrom <VldFr>	[0..1]	DateTime		1336
	ValidUntil <VldUntil>	[0..1]	DateTime		1336
	SourceCurrency <SrcCcy>	[1..1]			1336
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337
	ApplicableBinRange <AplblBinRg>	[0..*]			1337
	LowerBin <LwrBin>	[1..1]	Text		1338
	HigherBin <HghrBin>	[1..1]	Text		1338
	OriginalAmount <OrgnlAmt>	[0..1]			1338
	ActualAmount <ActlAmt>	[0..1]	Amount		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338
	CommissionDetails <ComssnDtls>	[0..*]			1339
	Amount <Amt>	[1..1]	Amount		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	MarkUpDetails <MrkUpDtls>	[0..*]			1339
	Rate <Rate>	[1..1]	Rate		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339
	DeclarationDetails <DclrtDtls>	[0..*]	±		1339

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 2454

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	1335
	NumericCode <NmrcCd>	[1..1]	Text		1335
	Decimal <Dcml>	[1..1]	Quantity		1335
	Name <Nm>	[0..1]	Text		1335

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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 2384

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 2450

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 2450

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 2447

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 2447

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 2447

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	1337
	NumericCode <NmrcCd>	[0..1]	Text		1337
	Decimal <Dcml>	[0..1]	Quantity		1337
	Name <Nm>	[0..1]	Text		1337

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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		1338
	HigherBin <HghrBin>	[1..1]	Text		1338

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 2452

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 2452

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		1338
	MinimumAmount <MinAmt>	[0..1]	Amount		1338
	MaximumAmount <MaxAmt>	[0..1]	Amount		1338

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 2384

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 2384

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 2384

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		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339

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 2384

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 2454

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		1339
	AdditionalInformation <AddtlInf>	[0..1]	Text		1339

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 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 2454

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 2452

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 2452

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 2452

26.4.2.4.4.8.3.4.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1344
	TotalAmount <TtlAmt>	[1..1]	Amount		1344
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1344
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1344
	DetailedAmount <DtldAmt>	[0..1]	±		1344
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1345
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1345
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1345
	ValidityDate <VldtyDt>	[0..1]	Date		1345
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1345
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1346
	AccountType <AcctTp>	[0..1]	CodeSet		1346
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1347
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1355
	Instalment <Instlmt>	[0..*]	±		1356
	Recurring <Rcrng>	[0..1]	±		1357
	AggregationTransaction <AggtTx>	[0..1]	±		1358
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1358
	SaleItem <Saleitm>	[0..*]	±		1358
	DeliveryLocation <DivryLctn>	[0..1]	Text		1359
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1359
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1359
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1359
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1360
	AdditionalInformation <AddtlInf>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1361

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

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 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

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 2384

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 2384

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 2384

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 2447

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 2426

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 2454

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 2403

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.

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1349
	Conversion <Convs>	[0..1]			1349
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1355

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1351
	TargetCurrency <TrgtCcy>	[1..1]			1351
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351
	ResultingAmount <RsltAmt>	[0..1]	Amount		1352
	ExchangeRate <XchgRate>	[1..1]	Rate		1352
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1352
	QuotationDate <QtnDt>	[0..1]	DateTime		1352
	ValidFrom <VldFr>	[0..1]	DateTime		1352
	ValidUntil <VldUntil>	[0..1]	DateTime		1352
	SourceCurrency <SrcCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353
	ApplicableBinRange <AplblBinRg>	[0..*]			1353
	LowerBin <LwrBin>	[1..1]	Text		1354
	HigherBin <HghrBin>	[1..1]	Text		1354
	OriginalAmount <OrgnlAmt>	[0..1]			1354
	ActualAmount <ActlAmt>	[0..1]	Amount		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354
	CommissionDetails <ComssnDtls>	[0..*]			1355
	Amount <Amt>	[1..1]	Amount		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	MarkUpDetails <MrkUpDtls>	[0..*]			1355
	Rate <Rate>	[1..1]	Rate		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1355

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 2454

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	1351
	NumericCode <NmrcCd>	[1..1]	Text		1351
	Decimal <Dcml>	[1..1]	Quantity		1351
	Name <Nm>	[0..1]	Text		1351

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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 2384

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 2450

26.4.2.4.4.8.3.4.16.13.2.5 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 2450

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 2447

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 2447

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 2447

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	1353
	NumericCode <NmrcCd>	[0..1]	Text		1353
	Decimal <Dcml>	[0..1]	Quantity		1353
	Name <Nm>	[0..1]	Text		1353

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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		1354
	HigherBin <HghrBin>	[1..1]	Text		1354

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 2452

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 2452

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		1354
	MinimumAmount <MinAmt>	[0..1]	Amount		1354
	MaximumAmount <MaxAmt>	[0..1]	Amount		1354

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 2384

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 2384

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 2384

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		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355

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 2384

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 2454

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		1355
	AdditionalInformation <AddtlInf>	[0..1]	Text		1355

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 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

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 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 2385

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]	±		1361
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1362
	Response <Rspn>	[1..1]	CodeSet		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1363

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		1362
	ResponseReason <RspnRsn>	[0..1]	Text		1362
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1363

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 2436

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 2454

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 2452

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 2457

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 2456

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 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

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 2380 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2380
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2380
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2380
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2381
	TokenRequestor <TknRqstr>	[0..1]			2381
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2381
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2381
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2381
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2382

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 2449):

- *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 2454

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 2454

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 2456

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 2456

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 2456

26.4.2.4.4.8.3.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

26.4.2.4.4.8.3.4.28 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1365
	MessageToPresent <MsgToPres>	[0..1]	±		1366
	RemoteAccess <RmotAccs>	[0..1]	±		1367
	Retry <Rtry>	[0..1]	±		1367
	TimeCondition <TmCond>	[0..1]	±		1368

26.4.2.4.4.8.3.4.28.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
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.

26.4.2.4.4.8.3.4.28.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

26.4.2.4.4.8.3.4.28.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

26.4.2.4.4.8.3.4.28.4 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 2377](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

26.4.2.4.4.8.3.4.28.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see ["ProcessTiming6" on page 2378](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2454](#)

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 2454](#)

26.4.2.4.4.8.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

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

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 2388](#)

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1369
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1370
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1370
	OutputContent <OutptCntt>	[1..1]	±		1370

26.4.2.4.4.8.4.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2413

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.

CodeName	Name	Definition
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

26.4.2.4.4.8.4.2 IntegratedPrintFlag <IntgrtdPrtFlg>

Presence: [0..1]

Definition: Flag is the print is integrated to other prints.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2449](#)):

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

26.4.2.4.4.8.4.3 RequiredSignatureFlag <ReqrdsgntrFlg>

Presence: [0..1]

Definition: Flag to indicate that the cardholder payment receipt requires a signature by the customer.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2449](#)):

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

26.4.2.4.4.8.4.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutputCntt> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

26.4.2.4.4.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1372
	POIBatchIdentification <POIBtchId>	[0..1]	±		1373
	PerformedTransaction <PrfrmdTx>	[0..*]			1373
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1375
	POITransactionIdentification <POITxId>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LtyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvlCd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleItmRbt>	[0..*]			1386
	SaleItem <SaleItm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1387

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1374
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1375
	POITransactionIdentification <POITxId>	[0..1]	±		1375
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1375
	PaymentResult <PmtRslt>	[0..1]	±		1375
	LoyaltyResult <LltyRslt>	[0..*]			1383
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvlCd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleitmRbt>	[0..*]			1386
	SaleItem <Saleitm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1387

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 2289](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2295](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text" on page 2454](#)

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 "RetailerPaymentResult8" on page 2108 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2116
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2116
	TransactionType <TxTp>	[1..1]	CodeSet		2117
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2118
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2118
	RequestedTransaction <ReqdTxx>	[0..1]			2119
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2124
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2125
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2127
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2128
	TransactionIdentification <TxId>	[1..1]	±		2128
	OriginalTransaction <OrgnlTx>	[0..1]			2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2130
	TransactionIdentification <TxId>	[1..1]	±		2130
	POIIdentification <POIID>	[1..1]			2130
	Identification <Id>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer <Issr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132
	CurrencyConversion <CcyConvs>	[0..1]			2132
	Result <Rslt>	[1..1]	CodeSet		2134
	ResultReason <RsltRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <ApplBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkupDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <DclrtDtls>	[0..*]	±		2140
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2141
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2141

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2141
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2141
	TransactionDetails <TxDtls>	[1..1]			2142
	Currency <Ccy>	[0..1]	CodeSet	C1	2145
	TotalAmount <TtlAmt>	[1..1]	Amount		2145
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2145
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2145
	DetailedAmount <DtldAmt>	[0..1]	±		2145
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2146
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2146
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2146
	ValidityDate <VldtyDt>	[0..1]	Date		2146
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2146
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2147
	AccountType <AcctTp>	[0..1]	CodeSet		2147
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2148
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <ApblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2156
	Instalment <Instlmt>	[0..*]	±		2157
	Recurring <Rcrng>	[0..1]	±		2158
	AggregationTransaction <AggtTx>	[0..1]	±		2159
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2159
	SaleItem <Saleitm>	[0..*]	±		2159
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2160
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2160
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2160
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2160
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2161
	AdditionalInformation <AddtlInf>	[0..*]			2161
	Identification <Id>	[1..1]	Text		2161
	Value <Val>	[0..1]	Binary		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2161
	Type <Tp>	[0..1]	Text		2162
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2162
	AuthorisationResult <AuthstnRslt>	[0..1]			2162
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2162
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2163
	Response <Rspn>	[1..1]	CodeSet		2163
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2164
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2164
	CustomerOrder <CstmrOrdr>	[0..1]	±		2164
	CustomerToken <CstmrTkn>	[0..1]	±		2164
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2165
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2165
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2165
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2165
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2166
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2166
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2166
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2166
	ActionType <ActnTp>	[1..1]	CodeSet		2166
	MessageToPresent <MsgToPres>	[0..1]	±		2167
	RemoteAccess <RmotAccs>	[0..1]	±		2168
	Retry <Rtry>	[0..1]	±		2168
	TimeCondition <TmCond>	[0..1]	±		2169
	TransactionResponse <TxRspn>	[0..1]			2169
	AuthorisationResult <AuthstnRslt>	[1..1]			2172
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2172
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2173
	Response <Rspn>	[1..1]	CodeSet		2173

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2173
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2173
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2173
	TMSTrigger <TMSTrggr>	[0..1]			2174
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174
	AllowedProductCode <AllwdPdctCd>	[0..*]			2174
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2176
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2176
	AmountLimit <AmtLmt>	[0..1]	Amount		2176
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2176
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2176
	Balance <Bal>	[0..1]	±		2178
	ProtectedBalance <PrctcdBal>	[0..1]	±		2178
	Action <Actn>	[0..*]			2179
	ActionType <ActnTp>	[1..1]	CodeSet		2179
	MessageToPresent <MsgToPres>	[0..1]	±		2180
	RemoteAccess <RmotAccs>	[0..1]	±		2181
	Retry <Rtry>	[0..1]	±		2181
	TimeCondition <TmCond>	[0..1]	±		2182
	CurrencyConversionEligibility <CcyConvsElgbty>	[0..1]			2182
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2184
	TargetCurrency <TrgtCcy>	[1..1]			2184

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2184
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2185
	ExchangeRate <XchgRate>	[1..1]	Rate		2185
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2185
	QuotationDate <QtnDt>	[0..1]	DateTime		2185
	ValidFrom <VldFr>	[0..1]	DateTime		2185
	ValidUntil <VldUntil>	[0..1]	DateTime		2185
	SourceCurrency <SrcCcy>	[1..1]			2185
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186
	ApplicableBinRange <ApblBinRg>	[0..*]			2186
	LowerBin <LwrBin>	[1..1]	Text		2187
	HigherBin <HghrBin>	[1..1]	Text		2187
	OriginalAmount <OrgnlAmt>	[0..1]			2187
	ActualAmount <ActlAmt>	[0..1]	Amount		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187
	CommissionDetails <ComssnDtls>	[0..*]			2188
	Amount <Amt>	[1..1]	Amount		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	MarkUpDetails <MrkUpDtls>	[0..*]			2188
	Rate <Rate>	[1..1]	Rate		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	DeclarationDetails <DclrtDtls>	[0..*]	±		2188
	CustomerOrder <CstmrOrdr>	[0..*]	±		2189
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2190

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2190
	ImageData <ImgData>	[0..1]	Binary		2190
	ImageReference <ImgRef>	[0..1]	Text		2191
	AdditionalInformation <AddtlInf>	[0..1]	Text		2191
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		2191
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2191
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2191
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2191

26.4.2.4.4.9.3.6 LoyaltyResult <LltyRslt>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1383
	Amount <Amt>	[0..1]			1384
	Unit <Unit>	[0..1]	CodeSet		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385
	ServerData <SvrData>	[0..1]			1385
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1385
	ApprovalCode <ApprvICd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386
	Rebates <Rbts>	[0..1]			1386
	TotalRebate <TtlRbt>	[0..1]	Amount		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleitmRbt>	[0..*]			1386
	SaleItem <Saleitm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387

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 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

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		1384
	Currency <Ccy>	[0..1]	CodeSet	C1	1384
	Amount <Amt>	[1..1]	Amount		1385

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 2398

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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		1385
	ApprovalCode <ApprvICd>	[0..1]	Text		1385
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1385
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1386

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 2454

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 2458

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.9.3.6.3.4 HostReconciliationIdentification <HstRcncItId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2454

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		1386
	RebateLabel <RbtLbl>	[0..1]	Text		1386
	SaleItemRebate <SaleItmRbt>	[0..*]			1386
	SaleItem <SaleItm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387

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 2384

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 2454

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 <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1387
	RebateLabel <RbtLbl>	[0..1]	Text		1387

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2384

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]	±		1388
	POITransactionIdentification <POITxId>	[1..1]	±		1388
	PaymentBrand <PmtBrnd>	[0..*]	Text		1388
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1389
	LoyaltyAccount <LtyAcct>	[0..*]	±		1389
	CustomerOrder <CstmrOrd>	[0..*]	±		1389

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

26.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: "Max35Text" on page 2454

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 2420

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 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

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 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

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 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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		1393
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1393
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1395
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1395
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1395
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1395
	Brand <Brnd>	[0..1]	Text		1396
	POIIdentification <POIId>	[0..1]	Text		1396
	SaleIdentification <SaleId>	[0..1]	Text		1396
	CashierIdentification <CshrlId>	[0..1]	Text		1396
	ShiftNumber <ShftNb>	[0..1]	Text		1396
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1396
	CommonName <CmonNm>	[1..1]	Text		1396
	Address <Adr>	[0..1]	Text		1397
	CountryCode <CtryCd>	[1..1]	CodeSet		1397
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1397
	RegisteredIdentifier <Regldr>	[1..1]	Text		1397
	TransactionTotal <TxTtl>	[1..1]			1397
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1397
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1398
	Currency <Ccy>	[0..1]	CodeSet	C1	1398
	Type <Tp>	[1..1]	CodeSet		1398
	TotalNumber <TtlNb>	[1..1]	Quantity		1398
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1399
	DetailedAmount <DtldAmt>	[0..1]	±		1399
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1399
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1399
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1400
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1400
	Currency <Ccy>	[0..1]	CodeSet	C1	1400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1400
	TotalNumber <TtlNb>	[1..1]	Quantity		1401
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1401
	DetailedAmount <DtldAmt>	[0..1]	±		1401

26.4.2.5.1 POIRconciliationIdentification <POIRcncldId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 <PmtInstrmTp>	[1..1]	CodeSet		1395
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1395
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1395
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		1395
	Brand <Brnd>	[0..1]	Text		1396
	POIIdentification <POIld>	[0..1]	Text		1396
	SaleIdentification <Saleld>	[0..1]	Text		1396
	CashierIdentification <Cshrlld>	[0..1]	Text		1396
	ShiftNumber <ShftNb>	[0..1]	Text		1396
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1396
	CommonName <CmonNm>	[1..1]	Text		1396
	Address <Adr>	[0..1]	Text		1397
	CountryCode <CtryCd>	[1..1]	CodeSet		1397
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1397
	RegisteredIdentifier <Regldr>	[1..1]	Text		1397
	TransactionTotal <TxTtl>	[1..1]			1397
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1397
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1398
	Currency <Ccy>	[0..1]	CodeSet	C1	1398
	Type <Tp>	[1..1]	CodeSet		1398
	TotalNumber <TtlNb>	[1..1]	Quantity		1398
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1399
	DetailedAmount <DtldAmt>	[0..1]	±		1399
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			1399
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1399
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		1400
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1400
	Currency <Ccy>	[0..1]	CodeSet	C1	1400
	TransactionType <TxTp>	[1..1]	CodeSet		1400
	TotalNumber <TtlNb>	[1..1]	Quantity		1401
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1401

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1401

26.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType2Code" on page 2430

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 2454

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 2454

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 2454

26.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 2454

26.4.2.5.2.6 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2454

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 2454

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 2454

26.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2453

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		1396
	Address <Adr>	[0..1]	Text		1397
	CountryCode <CtryCd>	[1..1]	CodeSet		1397
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1397
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1397

26.4.2.5.2.10.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

26.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

26.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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		1397
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1398
	Currency <Ccy>	[0..1]	CodeSet	C1	1398
	Type <Tp>	[1..1]	CodeSet		1398
	TotalNumber <TtlNb>	[1..1]	Quantity		1398
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1399
	DetailedAmount <DtldAmt>	[0..1]	±		1399

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 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2444

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 2449

26.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

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		1399
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1400
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1400
	Currency <Ccy>	[0..1]	CodeSet	C1	1400
	TransactionType <TxTp>	[1..1]	CodeSet		1400
	TotalNumber <TtlNb>	[1..1]	Quantity		1401
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1401
	DetailedAmount <DtldAmt>	[0..1]	±		1401

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 2454

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 2398

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2422

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 2449

26.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

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 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 2373 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

27 caaa.026.001.03 AcceptorToAcquirerBatchFileExchangeV03

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 AcceptorToAcquirerBatchFileExchangeV03 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]			1418
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1419
	FormatVersion <FrmtVrsn>	[1..1]	Text		1419
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1419
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1419
	InitiatingParty <InitgPty>	[1..1]	±		1419
	RecipientParty <RcptPty>	[0..1]	±		1420
	BodyElement <BodyElmt>	[1..*]			1420
	CompletionAdvice <CmpltnAdvc>	[0..1]			1434
	Environment <Envnt>	[1..1]	±	C9	1441
	Context <Cntxt>	[0..1]		C10	1447
	PaymentContext <PmtCntxt>	[0..1]			1450
	CardPresent <CardPres>	[0..1]	Indicator		1450
	CardholderPresent <CrdhlldrPres>	[0..1]	Indicator		1450
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1451
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1451
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1451
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1451
	BusinessArea <BizArea>	[0..1]	CodeSet		1452
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1452
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1452
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1453
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1453
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1454
	SaleContext <SaleCntxt>	[0..1]			1454
	SaleIdentification <SaleId>	[0..1]	Text		1455
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1455
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1456
	CashierIdentification <CshrlId>	[0..1]	Text		1456

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1456
	ShiftNumber <ShftNb>	[0..1]	Text		1456
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1456
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1456
	InvoiceNumber <InvcNb>	[0..1]	Text		1456
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1457
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1457
	CommonName <CmonNm>	[1..1]	Text		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457
	RegisteredIdentifier <RegldIdr>	[1..1]	Text		1457
	SplitPayment <Spltpmt>	[0..1]	Indicator		1458
	RemainingAmount <RmngAmt>	[0..1]	Amount		1458
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1458
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1458
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1458
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1459
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1459
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1459
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1460
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1460
	SystemToNotify <SysToNtfy>	[0..1]	Text		1460
	Debtor <Dbtr>	[0..1]	±		1461
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1462
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1462
	Creditor <Cdtr>	[0..1]	±		1462
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1463
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1464
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1464
	Debtor <Dbtr>	[0..1]	±		1465

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1466
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1467
	Creditor <Cdtr>	[0..1]	±		1467
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1468
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1469
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1469
	MandateIdentification <MndtId>	[1..1]	Text		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <MndtImg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1470
	Transaction <Tx>	[1..1]			1470
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1475
	TransactionType <TxTp>	[0..1]	CodeSet		1475
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1476
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1477
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1477
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1477
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1478
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1478
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1478
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1478
	TransactionIdentification <TxId>	[1..1]	±		1478
	OriginalTransaction <OrgnlTx>	[0..1]	±		1478
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1479
	Reversal <Rvsl>	[0..1]	Indicator		1479
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1480
	FailureReason <FailrRsn>	[0..*]	CodeSet		1480
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1481
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1481
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1481
	InterchangeData <IntrchnngData>	[0..1]	Text		1481

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1481
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1481
	TransactionDetails <TxDtIs>	[1..1]			1481
	Currency <Ccy>	[0..1]	CodeSet	C1	1484
	TotalAmount <TtlAmt>	[1..1]	Amount		1484
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1484
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1484
	DetailedAmount <DtldAmt>	[0..1]	±		1484
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1485
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1485
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1485
	ValidityDate <VldtyDt>	[0..1]	Date		1485
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1485
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1486
	AccountType <AcctTp>	[0..1]	CodeSet		1486
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1487
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <ApblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1495
	Instalment <Instlmt>	[0..*]	±		1496
	Recurring <Rcrng>	[0..1]	±		1497
	AggregationTransaction <AggtnTx>	[0..1]	±		1498
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1498
	SaleItem <Saleitm>	[0..*]	±		1498
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1499
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1499
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1499
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1499
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1500
	AdditionalInformation <AddtlInf>	[0..*]			1500
	Identification <Id>	[1..1]	Text		1500
	Value <Val>	[0..1]	Binary		1500

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1501
	AuthorisationResult <AuthstnRslt>	[0..1]			1501
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1501
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1502
	Response <Rspn>	[1..1]	CodeSet		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1503
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1503
	AccountFrom <AcctFr>	[0..1]			1503
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1504
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1505
	AccountName <AcctNm>	[0..1]	Text		1505
	AccountOwner <AcctOwnr>	[0..1]			1506
	Name <Nm>	[1..1]	Text		1506
	Address <Adr>	[1..1]	±		1506
	Currency <Ccy>	[0..1]	CodeSet	C1	1506
	AccountIdentifier <Acctldr>	[0..1]			1507
{Or	Card <Card>	[1..1]	Text		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EMail <EMail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508
	Servicer <Svcr>	[0..1]			1508
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1509
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1509

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountTo <AcctTo>	[0..1]			1509
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1510
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1511
	AccountName <AcctNm>	[0..1]	Text		1511
	AccountOwner <AcctOwnr>	[0..1]			1512
	Name <Nm>	[1..1]	Text		1512
	Address <Adr>	[1..1]	±		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	AccountIdentifier <AcctIdr>	[0..1]			1513
{Or	Card <Card>	[1..1]	Text		1513
Or	MSISDN <MSISDN>	[1..1]	Text		1513
Or	EMail <EMail>	[1..1]	Text		1513
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1514
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1514
Or	Domestic <Dmst>	[1..1]	Text		1514
Or}	Other <Othr>	[1..1]	Text		1514
	Servicer <Svcr>	[0..1]			1514
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1515
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1515
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1515
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1515
	ActionType <ActnTp>	[1..1]	CodeSet		1516
	MessageToPresent <MsgToPres>	[0..1]	±		1517
	RemoteAccess <RmotAccs>	[0..1]	±		1518
	Retry <Rtry>	[0..1]	±		1518
	TimeCondition <TmCond>	[0..1]	±		1518
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1519
	CancellationAdvice <CxlAdv<	[0..1]			1519
	Environment <Env<	[1..1]	±	C9	1523
	Context <Cntxt>	[0..1]		C10	1529

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1532
	CardPresent <CardPres>	[0..1]	Indicator		1532
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1532
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1533
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1533
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1533
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1533
	BusinessArea <BizArea>	[0..1]	CodeSet		1534
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1534
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1534
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1535
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1535
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1536
	SaleContext <SaleCntxt>	[0..1]			1536
	SaleIdentification <SaleId>	[0..1]	Text		1537
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1537
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1538
	CashierIdentification <CshrlId>	[0..1]	Text		1538
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1538
	ShiftNumber <ShftNb>	[0..1]	Text		1538
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1538
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1538
	InvoiceNumber <InvNb>	[0..1]	Text		1538
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1539
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1539
	CommonName <CmonNm>	[1..1]	Text		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1539
	SplitPayment <Spltpmt>	[0..1]	Indicator		1540

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1540
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1540
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1540
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1540
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1541
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1541
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1541
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1542
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1542
	SystemToNotify <SysToNtfy>	[0..1]	Text		1542
	Debtor <Dbtr>	[0..1]	±		1543
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1544
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1544
	Creditor <Cdtr>	[0..1]	±		1544
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1545
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1546
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1546
	Debtor <Dbtr>	[0..1]	±		1547
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1548
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1549
	Creditor <Cdtr>	[0..1]	±		1549
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1550
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1551
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1551
	MandateIdentification <MndtId>	[1..1]	Text		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1552
	Transaction <Tx>	[1..1]			1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1554
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1554

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1554
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1554
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1554
	TransactionIdentification <TxId>	[1..1]	±		1555
	OriginalTransaction <OrgnlTx>	[0..1]	±		1555
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1556
	Reversal <Rvsl>	[0..1]	Indicator		1556
	FailureReason <FailRsn>	[0..*]	CodeSet		1557
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1557
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1558
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1558
	InterchangeData <IntrchnngData>	[0..1]	Text		1558
	TransactionDetails <TxDtls>	[1..1]			1558
	Currency <Ccy>	[0..1]	CodeSet	C1	1558
	TotalAmount <TtlAmt>	[1..1]	Amount		1559
	ValidityDate <VldtyDt>	[0..1]	Date		1559
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1559
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1559
	AuthorisationResult <AuthstnRslt>	[0..1]			1559
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1560
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1560
	Response <Rspn>	[1..1]	CodeSet		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1561
	TMSTrigger <TMSTrggr>	[0..1]			1561
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1562
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1562

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1562
	MessageToPresent <MsgToPres>	[0..1]	±		1564
	RemoteAccess <RmotAccs>	[0..1]	±		1564
	Retry <Rtry>	[0..1]	±		1565
	TimeCondition <TmCond>	[0..1]	±		1565
	BatchTransfer <BtchTrf>	[0..1]			1565
	TransactionTotals <TxTtls>	[0..*]			1569
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1569
	CardBrand <CardBrnd>	[0..1]	Text		1569
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1570
	Currency <Ccy>	[0..1]	CodeSet	C1	1570
	Type <Tp>	[1..1]	CodeSet		1570
	TotalNumber <TtlNb>	[1..1]	Quantity		1570
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1570
	DataSet <DataSet>	[0..*]			1571
	DataSetIdentification <DataSetId>	[1..1]			1575
	Name <Nm>	[1..1]	Text		1575
	Type <Tp>	[1..1]	CodeSet		1575
	Version <Vrsn>	[0..1]	Text		1576
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1576
	Traceability <Tracblt>	[0..*]	±		1576
	DataSetInitiator <DataSetInitr>	[0..1]	±		1576
	TransactionTotals <TxTtls>	[1..*]			1577
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1577
	CardBrand <CardBrnd>	[0..1]	Text		1577
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1577
	Currency <Ccy>	[0..1]	CodeSet	C1	1577
	Type <Tp>	[1..1]	CodeSet		1578
	TotalNumber <TtlNb>	[1..1]	Quantity		1578
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1578
	CommonData <CmonData>	[0..1]			1578

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C9	1581
	Context <Cntxt>	[0..1]		C10	1587
	PaymentContext <PmtCntxt>	[0..1]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttndncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttndntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttndntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1594
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrlId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1596
	InvoiceNumber <InvNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1597
	SplitPayment <SpltPmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1610
	TransactionType <TxTp>	[0..1]	CodeSet		1610

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1611
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1612
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1612
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1612
	Currency <Ccy>	[0..1]	CodeSet	C1	1613
	Transaction <Tx>	[1..*]			1613
{Or	Completion <Cmpltn>	[1..1]	±		1613
Or	Cancellation <Cxl>	[1..1]	±		1620
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1624
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1631
Or	TokenRequest <TknReq>	[1..1]			1636
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Env>	[1..1]	±	C9	1637
Or}	TokenResponse <TknRspn>	[1..1]			1643
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644
	Environment <Env>	[1..1]	±	C9	1644
	SecurityTrailer <SctyTrlr>	[0..1]	±		1650

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		1419
	FormatVersion <FrmtVrsn>	[1..1]	Text		1419
	Exchangeldentification <Xchgld>	[1..1]	Quantity		1419
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1419
	InitiatingParty <InitgPty>	[1..1]	±		1419
	RecipientParty <RcptPty>	[0..1]	±		1420

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 2449](#)):

- *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 2456](#)

27.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number" on page 2449](#)

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 2447](#)

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

27.4.2 BodyElement <BodyElmt>

Presence: [1..*]

Definition: Record of an exchange to an Acquirer.

BodyElement <BodyElmt> contains the following **AcceptorToAcquirerFileBody3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdvice <CmpltnAdv>	[0..1]			1434
	Environment <Env>	[1..1]	±	C9	1441
	Context <Cntxt>	[0..1]		C10	1447
	PaymentContext <PmtCntxt>	[0..1]			1450
	CardPresent <CardPres>	[0..1]	Indicator		1450
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1450
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1451
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1451
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		1451
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1451
	BusinessArea <BizArea>	[0..1]	CodeSet		1452
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1452
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1452
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1453
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1453
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1454
	SaleContext <SaleCntxt>	[0..1]			1454
	SaleIdentification <SaleId>	[0..1]	Text		1455
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1455
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1456
	CashierIdentification <CshrId>	[0..1]	Text		1456
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1456
	ShiftNumber <ShftNb>	[0..1]	Text		1456
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1456
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1456
	InvoiceNumber <InvNb>	[0..1]	Text		1456
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1457
	SponsoredMerchant <SpnsrdMrcht>	[0..*]			1457
	CommonName <CmonNm>	[1..1]	Text		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457
	RegisteredIdentifier <RegldId>	[1..1]	Text		1457
	SplitPayment <SplitPmt>	[0..1]	Indicator		1458
	RemainingAmount <RmngAmt>	[0..1]	Amount		1458
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1458
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1458
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1458
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1459
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1459
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1459
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1460
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1460
	SystemToNotify <SysToNtfy>	[0..1]	Text		1460
	Debtor <Dbtr>	[0..1]	±		1461
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1462
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1462
	Creditor <Cdtr>	[0..1]	±		1462
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1463
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1464
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1464
	Debtor <Dbtr>	[0..1]	±		1465
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1466
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1467
	Creditor <Cdtr>	[0..1]	±		1467
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1468
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1469
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1469
	MandateIdentification <MndtId>	[1..1]	Text		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <MndtImg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1470

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Transaction <Tx>	[1..1]			1470
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1475
	TransactionType <TxTp>	[0..1]	CodeSet		1475
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1476
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1477
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1477
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1477
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1478
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1478
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1478
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1478
	TransactionIdentification <TxId>	[1..1]	±		1478
	OriginalTransaction <OrgnlTx>	[0..1]	±		1478
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1479
	Reversal <Rvsl>	[0..1]	Indicator		1479
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1480
	FailureReason <FailrRsn>	[0..*]	CodeSet		1480
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1481
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1481
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1481
	InterchangeData <IntrchgData>	[0..1]	Text		1481
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1481
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1481
	TransactionDetails <TxDtls>	[1..1]			1481
	Currency <Ccy>	[0..1]	CodeSet	C1	1484
	TotalAmount <TtlAmt>	[1..1]	Amount		1484
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1484
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1484
	DetailedAmount <DtldAmt>	[0..1]	±		1484
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1485
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1485

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		1485
	ValidityDate <VldtyDt>	[0..1]	Date		1485
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1485
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1486
	AccountType <AcctTp>	[0..1]	CodeSet		1486
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1487
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1495
	Instalment <Instlmt>	[0..*]	±		1496
	Recurring <Rcrng>	[0..1]	±		1497
	AggregationTransaction <AggtnTx>	[0..1]	±		1498
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1498
	SaleItem <Saleitm>	[0..*]	±		1498
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1499
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1499
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1499
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1499
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1500
	AdditionalInformation <AddtlInf>	[0..*]			1500
	Identification <Id>	[1..1]	Text		1500
	Value <Val>	[0..1]	Binary		1500
	ProtectedValue <PrctcdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		1501
	AuthorisationResult <AuthstnRslt>	[0..1]			1501
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1501
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1502
	Response <Rspn>	[1..1]	CodeSet		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1503

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1503
	AccountFrom <AcctFr>	[0..1]			1503
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1504
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1505
	AccountName <AcctNm>	[0..1]	Text		1505
	AccountOwner <AcctOwnr>	[0..1]			1506
	Name <Nm>	[1..1]	Text		1506
	Address <Adr>	[1..1]	±		1506
	Currency <Ccy>	[0..1]	CodeSet	C1	1506
	AccountIdentifier <Acctldr>	[0..1]			1507
{Or	Card <Card>	[1..1]	Text		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EMail <EMail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508
	Servicer <Svcr>	[0..1]			1508
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1509
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1509
	AccountTo <AcctTo>	[0..1]			1509
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1510
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1511
	AccountName <AcctNm>	[0..1]	Text		1511
	AccountOwner <AcctOwnr>	[0..1]			1512
	Name <Nm>	[1..1]	Text		1512
	Address <Adr>	[1..1]	±		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	AccountIdentifier <Acctldr>	[0..1]			1513
{Or	Card <Card>	[1..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1513
Or	EMail <EMail>	[1..1]	Text		1513
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1514
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1514
Or	Domestic <Dmst>	[1..1]	Text		1514
Or}	Other <Othr>	[1..1]	Text		1514
	Servicer <Svcr>	[0..1]			1514
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1515
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1515
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1515
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1515
	ActionType <ActnTp>	[1..1]	CodeSet		1516
	MessageToPresent <MsgToPres>	[0..1]	±		1517
	RemoteAccess <RmotAccs>	[0..1]	±		1518
	Retry <Rtry>	[0..1]	±		1518
	TimeCondition <TmCond>	[0..1]	±		1518
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1519
	CancellationAdvice <CxlAdv<	[0..1]			1519
	Environment <Env<	[1..1]	±	C9	1523
	Context <Cntxt>	[0..1]		C10	1529
	PaymentContext <PmtCntxt>	[0..1]			1532
	CardPresent <CardPres>	[0..1]	Indicator		1532
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1532
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1533
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1533
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1533
	TransactionChannel <TxChan<	[0..1]	CodeSet		1533
	BusinessArea <BizArea>	[0..1]	CodeSet		1534
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1534
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1534

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1535
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1535
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1536
	SaleContext <SaleCntxt>	[0..1]			1536
	SaleIdentification <SaleId>	[0..1]	Text		1537
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1537
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1538
	CashierIdentification <CshrlId>	[0..1]	Text		1538
	CashierLanguage <CshrlLang>	[0..*]	CodeSet	C13	1538
	ShiftNumber <ShftNb>	[0..1]	Text		1538
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1538
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1538
	InvoiceNumber <InvNb>	[0..1]	Text		1538
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1539
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1539
	CommonName <CmonNm>	[1..1]	Text		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539
	RegisteredIdentifier <RegldIdr>	[1..1]	Text		1539
	SplitPayment <Spltpmt>	[0..1]	Indicator		1540
	RemainingAmount <RmngAmt>	[0..1]	Amount		1540
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1540
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1540
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1540
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1541
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1541
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1541
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1542
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1542
	SystemToNotify <SysToNtfy>	[0..1]	Text		1542

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1543
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1544
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1544
	Creditor <Cdtr>	[0..1]	±		1544
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1545
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1546
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1546
	Debtor <Dbtr>	[0..1]	±		1547
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1548
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1549
	Creditor <Cdtr>	[0..1]	±		1549
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1550
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1551
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1551
	MandateIdentification <MndtId>	[1..1]	Text		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1552
	Transaction <Tx>	[1..1]			1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1554
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1554
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1554
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1554
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1554
	TransactionIdentification <TxId>	[1..1]	±		1555
	OriginalTransaction <OrgnlTx>	[0..1]	±		1555
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1556
	Reversal <Rvs/>	[0..1]	Indicator		1556
	FailureReason <FailrRsn>	[0..*]	CodeSet		1557
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1557
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1558
	InterchangeData <IntrchnngData>	[0..1]	Text		1558
	TransactionDetails <TxDtls>	[1..1]			1558
	Currency <Ccy>	[0..1]	CodeSet	C1	1558
	TotalAmount <TtlAmt>	[1..1]	Amount		1559
	ValidityDate <VldtyDt>	[0..1]	Date		1559
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1559
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1559
	AuthorisationResult <AuthstnRslt>	[0..1]			1559
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1560
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1560
	Response <Rspn>	[1..1]	CodeSet		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1561
	TMSTrigger <TMSTrggr>	[0..1]			1561
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1562
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1562
	ActionType <ActnTp>	[1..1]	CodeSet		1562
	MessageToPresent <MsgToPres>	[0..1]	±		1564
	RemoteAccess <RmotAccs>	[0..1]	±		1564
	Retry <Rtry>	[0..1]	±		1565
	TimeCondition <TmCond>	[0..1]	±		1565
	BatchTransfer <BtchTrf>	[0..1]			1565
	TransactionTotals <TxTtls>	[0..*]			1569
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1569
	CardBrand <CardBrnd>	[0..1]	Text		1569
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1570

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1570
	Type <Tp>	[1..1]	CodeSet		1570
	TotalNumber <TtlNb>	[1..1]	Quantity		1570
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1570
	DataSet <DataSet>	[0..*]			1571
	DataSetIdentification <DataSetId>	[1..1]			1575
	Name <Nm>	[1..1]	Text		1575
	Type <Tp>	[1..1]	CodeSet		1575
	Version <Vrsn>	[0..1]	Text		1576
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1576
	Traceability <Tracblt>	[0..*]	±		1576
	DataSetInitiator <DataSetInitr>	[0..1]	±		1576
	TransactionTotals <TxTtls>	[1..*]			1577
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1577
	CardBrand <CardBrnd>	[0..1]	Text		1577
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1577
	Currency <Ccy>	[0..1]	CodeSet	C1	1577
	Type <Tp>	[1..1]	CodeSet		1578
	TotalNumber <TtlNb>	[1..1]	Quantity		1578
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1578
	CommonData <CmonData>	[0..1]			1578
	Environment <Envt>	[0..1]	±	C9	1581
	Context <Cntxt>	[0..1]		C10	1587
	PaymentContext <PmtCntxt>	[0..1]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1594
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrlId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1596
	InvoiceNumber <InvNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <Regldr>	[1..1]	Text		1597
	SplitPayment <Spltpmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1610
	TransactionType <TxTp>	[0..1]	CodeSet		1610
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1611
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1612
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1612
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1612
	Currency <Ccy>	[0..1]	CodeSet	C1	1613
	Transaction <Tx>	[1..*]			1613
{Or	Completion <Cmpltn>	[1..1]	±		1613
Or	Cancellation <Cxl>	[1..1]	±		1620
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1624
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1631

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	TokenRequest <TknReq>	[1..1]			1636
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Env>	[1..1]	±	C9	1637
Or}	TokenResponse <TknRspn>	[1..1]			1643
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644
	Environment <Env>	[1..1]	±	C9	1644

27.4.2.1 CompletionAdvice <CmpltnAdv>

Presence: [0..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdvnc> contains the following **AcceptorCompletionAdvice15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C9	1441
	Context <Cntxt>	[0..1]		C10	1447
	PaymentContext <PmtCntxt>	[0..1]			1450
	CardPresent <CardPres>	[0..1]	Indicator		1450
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1450
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1451
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1451
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1451
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1451
	BusinessArea <BizArea>	[0..1]	CodeSet		1452
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1452
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1452
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1453
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1453
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1454
	SaleContext <SaleCntxt>	[0..1]			1454
	SaleIdentification <SaleId>	[0..1]	Text		1455
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1455
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1456
	CashierIdentification <CshrId>	[0..1]	Text		1456
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1456
	ShiftNumber <ShftNb>	[0..1]	Text		1456
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1456
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1456
	InvoiceNumber <InvNb>	[0..1]	Text		1456
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1457
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1457
	CommonName <CmonNm>	[1..1]	Text		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1457
	SplitPayment <SpltPmt>	[0..1]	Indicator		1458
	RemainingAmount <RmngAmt>	[0..1]	Amount		1458
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1458
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1458
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1458
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1459
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1459
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1459
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1460
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1460
	SystemToNotify <SysToNtfy>	[0..1]	Text		1460
	Debtor <Dbtr>	[0..1]	±		1461
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1462
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1462
	Creditor <Cdtr>	[0..1]	±		1462
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1463
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1464
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1464
	Debtor <Dbtr>	[0..1]	±		1465
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1466
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1467
	Creditor <Cdtr>	[0..1]	±		1467
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1468
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1469
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1469
	MandateIdentification <MndtId>	[1..1]	Text		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <MndtImg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1470
	Transaction <Tx>	[1..1]			1470

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1475
	TransactionType <TxTp>	[0..1]	CodeSet		1475
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1476
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1477
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1477
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1477
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1478
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1478
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1478
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		1478
	TransactionIdentification <Txld>	[1..1]	±		1478
	OriginalTransaction <OrgnlTx>	[0..1]	±		1478
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1479
	Reversal <Rvsl>	[0..1]	Indicator		1479
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1480
	FailureReason <FailRsn>	[0..*]	CodeSet		1480
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		1481
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		1481
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1481
	InterchangeData <IntrchnngData>	[0..1]	Text		1481
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1481
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1481
	TransactionDetails <TxDtls>	[1..1]			1481
	Currency <Ccy>	[0..1]	CodeSet	C1	1484
	TotalAmount <TtlAmt>	[1..1]	Amount		1484
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1484
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1484
	DetailedAmount <DtldAmt>	[0..1]	±		1484
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1485
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1485
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1485

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1485
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1485
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1486
	AccountType <AcctTp>	[0..1]	CodeSet		1486
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1487
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1495
	Instalment <Instlmt>	[0..*]	±		1496
	Recurring <Rcrng>	[0..1]	±		1497
	AggregationTransaction <AggtnTx>	[0..1]	±		1498
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1498
	SaleItem <Saleitm>	[0..*]	±		1498
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1499
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1499
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1499
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1499
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1500
	AdditionalInformation <AddtlInf>	[0..*]			1500
	Identification <Id>	[1..1]	Text		1500
	Value <Val>	[0..1]	Binary		1500
	ProtectedValue <PrctcdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1501
	AuthorisationResult <AuthstnRslt>	[0..1]			1501
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1501
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1502
	Response <Rspn>	[1..1]	CodeSet		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1503
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1503

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1503
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1504
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1505
	AccountName <AcctNm>	[0..1]	Text		1505
	AccountOwner <AcctOwnr>	[0..1]			1506
	Name <Nm>	[1..1]	Text		1506
	Address <Adr>	[1..1]	±		1506
	Currency <Ccy>	[0..1]	CodeSet	C1	1506
	AccountIdentifier <AcctIdr>	[0..1]			1507
{Or	Card <Card>	[1..1]	Text		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EMail <EMail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508
	Servicer <Svcr>	[0..1]			1508
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1509
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1509
	AccountTo <AcctTo>	[0..1]			1509
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1510
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1511
	AccountName <AcctNm>	[0..1]	Text		1511
	AccountOwner <AcctOwnr>	[0..1]			1512
	Name <Nm>	[1..1]	Text		1512
	Address <Adr>	[1..1]	±		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	AccountIdentifier <AcctIdr>	[0..1]			1513
{Or	Card <Card>	[1..1]	Text		1513
Or	MSISDN <MSISDN>	[1..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1513
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1514
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1514
Or	Domestic <Dmst>	[1..1]	Text		1514
Or}	Other <Othr>	[1..1]	Text		1514
	Servicer <Svcr>	[0..1]			1514
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1515
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1515
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1515
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1515
	ActionType <ActnTp>	[1..1]	CodeSet		1516
	MessageToPresent <MsgToPres>	[0..1]	±		1517
	RemoteAccess <RmotAccs>	[0..1]	±		1518
	Retry <Rtry>	[0..1]	±		1518
	TimeCondition <TmCond>	[0..1]	±		1518
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1519

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnvtr>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSplrtAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1450
	CardPresent <CardPres>	[0..1]	Indicator		1450
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1450
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1451
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1451
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1451
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1451
	BusinessArea <BizArea>	[0..1]	CodeSet		1452
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1452
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1452
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1453
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1453
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1454
	SaleContext <SaleCntxt>	[0..1]			1454
	SaleIdentification <SaleId>	[0..1]	Text		1455
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1455
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1456
	CashierIdentification <CshrId>	[0..1]	Text		1456
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1456
	ShiftNumber <ShftNb>	[0..1]	Text		1456
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1456
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1456
	InvoiceNumber <InvNb>	[0..1]	Text		1456
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1457
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1457
	CommonName <CmonNm>	[1..1]	Text		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457
	RegisteredIdentifier <Regldr>	[1..1]	Text		1457
	SplitPayment <Spltpmt>	[0..1]	Indicator		1458

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1458
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1458
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1458
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1458
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1459
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1459
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1459
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1460
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1460
	SystemToNotify <SysToNtfy>	[0..1]	Text		1460
	Debtor <Dbtr>	[0..1]	±		1461
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1462
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1462
	Creditor <Cdtr>	[0..1]	±		1462
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1463
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1464
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1464
	Debtor <Dbtr>	[0..1]	±		1465
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1466
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1467
	Creditor <Cdtr>	[0..1]	±		1467
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1468
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1469
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1469
	MandateIdentification <Mndtld>	[1..1]	Text		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <Mndtlmg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1470

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		1450
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1450
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1451
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1451
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1451
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1451
	BusinessArea <BizArea>	[0..1]	CodeSet		1452
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1452
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1452
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1453
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1453
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1454

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 2449):

- *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 2449):

- *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 2449):

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

27.4.2.1.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		1455
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1455
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1456
	CashierIdentification <CshrId>	[0..1]	Text		1456
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1456
	ShiftNumber <ShftNb>	[0..1]	Text		1456
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1456
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1456
	InvoiceNumber <InvcNb>	[0..1]	Text		1456
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1457
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1457
	CommonName <CmonNm>	[1..1]	Text		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1457
	SplitPayment <SpltPmt>	[0..1]	Indicator		1458
	RemainingAmount <RmngAmt>	[0..1]	Amount		1458
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1458
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1458
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1458
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1459
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1459

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 2454

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 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

- *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 2454

27.4.2.1.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1457
	Address <Adr>	[0..1]	Text		1457
	CountryCode <CtryCd>	[1..1]	CodeSet		1457
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1457
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1457

27.4.2.1.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

27.4.2.1.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

27.4.2.1.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1460
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1460
	SystemToNotify <SysToNtfy>	[0..1]	Text		1460
	Debtor <Dbtr>	[0..1]	±		1461
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1462
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1462
	Creditor <Cdtr>	[0..1]	±		1462
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1463
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1464

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1465
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1466
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1467
	Creditor <Cdtr>	[0..1]	±		1467
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1468
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1469
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1469
	MandateIdentification <MndtId>	[1..1]	Text		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <MndtImg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1470

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1470
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1470
	MandateImage <MndtImg>	[0..1]	Binary		1470
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1470

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 2454

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 2447

27.4.2.1.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 **CardPaymentTransaction147** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1475
	TransactionType <TxTp>	[0..1]	CodeSet		1475
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1476
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1477
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1477
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1477
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1478
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1478
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1478
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1478
	TransactionIdentification <TxId>	[1..1]	±		1478
	OriginalTransaction <OrgnlTx>	[0..1]	±		1478
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1479
	Reversal <Rvsl>	[0..1]	Indicator		1479
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1480
	FailureReason <FailRsn>	[0..*]	CodeSet		1480
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1481
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1481
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1481
	InterchangeData <IntrchnngData>	[0..1]	Text		1481
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1481
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1481
	TransactionDetails <TxDtls>	[1..1]			1481
	Currency <Ccy>	[0..1]	CodeSet	C1	1484
	TotalAmount <TtlAmt>	[1..1]	Amount		1484
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1484
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1484
	DetailedAmount <DtlAmt>	[0..1]	±		1484
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1485
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1485
	InvoiceAmount <InvAmt>	[0..1]	Amount		1485

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1485
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1485
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1486
	AccountType <AcctTp>	[0..1]	CodeSet		1486
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1487
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRng>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1495
	Instalment <Instlmt>	[0..*]	±		1496
	Recurring <Rcrng>	[0..1]	±		1497
	AggregationTransaction <AggtnTx>	[0..1]	±		1498
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1498
	SaleItem <Saleitm>	[0..*]	±		1498
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1499
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1499
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1499
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1499
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1500
	AdditionalInformation <AddtlInf>	[0..*]			1500
	Identification <Id>	[1..1]	Text		1500
	Value <Val>	[0..1]	Binary		1500
	ProtectedValue <PrctcdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1501
	AuthorisationResult <AuthstnRslt>	[0..1]			1501
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1501
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1502
	Response <Rspn>	[1..1]	CodeSet		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1503
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1503

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1503
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1504
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1505
	AccountName <AcctNm>	[0..1]	Text		1505
	AccountOwner <AcctOwnr>	[0..1]			1506
	Name <Nm>	[1..1]	Text		1506
	Address <Adr>	[1..1]	±		1506
	Currency <Ccy>	[0..1]	CodeSet	C1	1506
	AccountIdentifier <AcctIdr>	[0..1]			1507
{Or	Card <Card>	[1..1]	Text		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EMail <EMail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508
	Servicer <Svcr>	[0..1]			1508
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1509
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1509
	AccountTo <AcctTo>	[0..1]			1509
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1510
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1511
	AccountName <AcctNm>	[0..1]	Text		1511
	AccountOwner <AcctOwnr>	[0..1]			1512
	Name <Nm>	[1..1]	Text		1512
	Address <Adr>	[1..1]	±		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	AccountIdentifier <AcctIdr>	[0..1]			1513
{Or	Card <Card>	[1..1]	Text		1513
Or	MSISDN <MSISDN>	[1..1]	Text		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		1513
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	B BAN <BBAN>	[1..1]	IdentifierSet		1514
Or	U PIC <UPIC>	[1..1]	IdentifierSet		1514
Or	D omestic <Dmst>	[1..1]	Text		1514
Or}	O ther <Othr>	[1..1]	Text		1514
	S ervicer <Svcr>	[0..1]			1514
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1515
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		1515
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		1515
	M essageFromMerchant <MsgFrMrchnt>	[0..*]			1515
	A ctionType <ActnTp>	[1..1]	CodeSet		1516
	M essageToPresent <MsgToPres>	[0..1]	±		1517
	R emoteAccess <RmotAccs>	[0..1]	±		1518
	R etry <Rtry>	[0..1]	±		1518
	T imeCondition <TmCond>	[0..1]	±		1518

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 2449):

- *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 2406

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.

CodeName	Name	Definition
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.

27.4.2.1.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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 2407

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 2449):

- *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 2457

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 2449):

- *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 2454

27.4.2.1.3.9 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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

27.4.2.1.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

27.4.2.1.3.13 TransactionSuccess <TxSuccs>

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 2449):

- *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 2449):

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

27.4.2.1.3.15 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 2449):

- *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 2416

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.

CodeName	Name	Definition
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 2454

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 2452

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 2454

27.4.2.1.3.20 InterchangeData <IntrchnData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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 2452

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 2452

27.4.2.1.3.23 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1484
	TotalAmount <TtlAmt>	[1..1]	Amount		1484
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1484
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1484
	DetailedAmount <DtldAmt>	[0..1]	±		1484
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1485
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1485
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1485
	ValidityDate <VldtyDt>	[0..1]	Date		1485
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1485
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1486
	AccountType <AcctTp>	[0..1]	CodeSet		1486
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1487
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1495
	Instalment <Instlmt>	[0..*]	±		1496
	Recurring <Rcrng>	[0..1]	±		1497
	AggregationTransaction <AggtTx>	[0..1]	±		1498
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1498
	SaleItem <Saleitm>	[0..*]	±		1498
	DeliveryLocation <DivryLctn>	[0..1]	Text		1499
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1499
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1499
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1499
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1500
	AdditionalInformation <AddtlInf>	[0..*]			1500
	Identification <Id>	[1..1]	Text		1500
	Value <Val>	[0..1]	Binary		1500
	ProtectedValue <PrctcdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1501

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

27.4.2.1.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

27.4.2.1.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

27.4.2.1.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2447

27.4.2.1.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

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 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1489
	Conversion <Convs>	[0..1]			1489
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1495

27.4.2.1.3.23.13.1 AcceptedByCardholder <AcctpdByCrdhldr>

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1491
	TargetCurrency <TrgtCcy>	[1..1]			1491
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491
	ResultingAmount <RsltAmt>	[0..1]	Amount		1492
	ExchangeRate <XchgRate>	[1..1]	Rate		1492
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1492
	QuotationDate <QtnDt>	[0..1]	DateTime		1492
	ValidFrom <VldFr>	[0..1]	DateTime		1492
	ValidUntil <VldUntil>	[0..1]	DateTime		1492
	SourceCurrency <SrcCcy>	[1..1]			1492
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493
	ApplicableBinRange <AplblBinRg>	[0..*]			1493
	LowerBin <LwrBin>	[1..1]	Text		1494
	HigherBin <HghrBin>	[1..1]	Text		1494
	OriginalAmount <OrgnlAmt>	[0..1]			1494
	ActualAmount <ActlAmt>	[0..1]	Amount		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494
	CommissionDetails <ComssnDtls>	[0..*]			1495
	Amount <Amt>	[1..1]	Amount		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	MarkUpDetails <MrkUpDtls>	[0..*]			1495
	Rate <Rate>	[1..1]	Rate		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495
	DeclarationDetails <DclrtDtls>	[0..*]	±		1495

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 2454

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	1491
	NumericCode <NmrcCd>	[1..1]	Text		1491
	Decimal <Dcml>	[1..1]	Quantity		1491
	Name <Nm>	[0..1]	Text		1491

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

27.4.2.1.3.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2450

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 2450

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 2447

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 2447

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 2447

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	1493
	NumericCode <NmrcCd>	[0..1]	Text		1493
	Decimal <Dcml>	[0..1]	Quantity		1493
	Name <Nm>	[0..1]	Text		1493

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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		1494
	HigherBin <HghrBin>	[1..1]	Text		1494

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 2452

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 2452

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		1494
	MinimumAmount <MinAmt>	[0..1]	Amount		1494
	MaximumAmount <MaxAmt>	[0..1]	Amount		1494

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 2384

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 2384

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 2384

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		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495

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 2384

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 2454

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		1495
	AdditionalInformation <AddtlInf>	[0..1]	Text		1495

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 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

27.4.2.1.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		1500
	Value <Val>	[0..1]	Binary		1500
	ProtectedValue <PrtctdVal>	[0..1]	±		1500
	Type <Tp>	[0..1]	Text		1501

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 2385

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]	±		1501
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1502
	Response <Rspn>	[1..1]	CodeSet		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1503

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		1502
	ResponseReason <RspnRsn>	[0..1]	Text		1502
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1503

27.4.2.1.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

27.4.2.1.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2456

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		1504
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1505
	AccountName <AcctNm>	[0..1]	Text		1505
	AccountOwner <AcctOwnr>	[0..1]			1506
	Name <Nm>	[1..1]	Text		1506
	Address <Adr>	[1..1]	±		1506
	Currency <Ccy>	[0..1]	CodeSet	C1	1506
	AccountIdentifier <AcctIdr>	[0..1]			1507
{Or	Card <Card>	[1..1]	Text		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EMail <EMail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508
	Servicer <Svcr>	[0..1]			1508
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1509
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1509

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 2387

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 2403

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 2456

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		1506
	Address <Adr>	[1..1]	±		1506

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		1507
Or	MSISDN <MSISDN>	[1..1]	Text		1507
Or	EEmail <EEmail>	[1..1]	Text		1507
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1507
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1508
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1508
Or	Domestic <Dmst>	[1..1]	Text		1508
Or}	Other <Othr>	[1..1]	Text		1508

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 2458

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 2452

27.4.2.1.3.26.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

27.4.2.1.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1509
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1509

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		1510
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1511
	AccountName <AcctNm>	[0..1]	Text		1511
	AccountOwner <AcctOwnr>	[0..1]			1512
	Name <Nm>	[1..1]	Text		1512
	Address <Adr>	[1..1]	±		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	AccountIdentifier <AcctIdr>	[0..1]			1513
{Or	Card <Card>	[1..1]	Text		1513
Or	MSISDN <MSISDN>	[1..1]	Text		1513
Or	EMail <EMail>	[1..1]	Text		1513
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1514
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1514
Or	Domestic <Dmst>	[1..1]	Text		1514
Or}	Other <Othr>	[1..1]	Text		1514
	Servicer <Svcr>	[0..1]			1514
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1515
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1515

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 2387

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 2403

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 2456

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		1512
	Address <Adr>	[1..1]	±		1512

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		1513
Or	MSISDN <MSISDN>	[1..1]	Text		1513
Or	EEmail <EEmail>	[1..1]	Text		1513
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1513
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1514
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1514
Or	Domestic <Dmst>	[1..1]	Text		1514
Or}	Other <Othr>	[1..1]	Text		1514

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 2458

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 2452

27.4.2.1.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

27.4.2.1.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1515
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1515

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

27.4.2.1.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

27.4.2.1.3.29 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1516
	MessageToPresent <MsgToPres>	[0..1]	±		1517
	RemoteAccess <RmotAccs>	[0..1]	±		1518
	Retry <Rtry>	[0..1]	±		1518
	TimeCondition <TmCond>	[0..1]	±		1518

27.4.2.1.3.29.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

27.4.2.1.3.29.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

27.4.2.1.3.29.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

27.4.2.1.3.29.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

27.4.2.1.3.29.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "ProcessTiming6" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 <CxlAdvc>

Presence: [0..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1523
	Context <Cntxt>	[0..1]		C10	1529
	PaymentContext <PmtCntxt>	[0..1]			1532
	CardPresent <CardPres>	[0..1]	Indicator		1532
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1532
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1533
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1533
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1533
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1533
	BusinessArea <BizArea>	[0..1]	CodeSet		1534
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1534
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1534
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1535
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1535
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1536
	SaleContext <SaleCntxt>	[0..1]			1536
	SaleIdentification <SaleId>	[0..1]	Text		1537
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1537
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1538
	CashierIdentification <CshrlId>	[0..1]	Text		1538
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1538
	ShiftNumber <ShftNb>	[0..1]	Text		1538
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1538
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1538
	InvoiceNumber <InvNb>	[0..1]	Text		1538
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1539
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1539
	CommonName <CmonNm>	[1..1]	Text		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1539
	SplitPayment <SpltPmt>	[0..1]	Indicator		1540
	RemainingAmount <RmngAmt>	[0..1]	Amount		1540
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1540
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1540
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1540
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1541
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1541
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1541
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1542
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1542
	SystemToNotify <SysToNtfy>	[0..1]	Text		1542
	Debtor <Dbtr>	[0..1]	±		1543
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1544
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1544
	Creditor <Cdtr>	[0..1]	±		1544
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1545
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1546
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1546
	Debtor <Dbtr>	[0..1]	±		1547
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1548
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1549
	Creditor <Cdtr>	[0..1]	±		1549
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1550
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1551
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1551
	MandateIdentification <MndtId>	[1..1]	Text		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1552
	Transaction <Tx>	[1..1]			1552

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1554
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1554
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1554
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1554
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1554
	TransactionIdentification <TxId>	[1..1]	±		1555
	OriginalTransaction <OrgnlTx>	[0..1]	±		1555
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1556
	Reversal <Rvsl>	[0..1]	Indicator		1556
	FailureReason <FailrRsn>	[0..*]	CodeSet		1557
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1557
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1558
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1558
	InterchangeData <IntrchnngData>	[0..1]	Text		1558
	TransactionDetails <TxDtls>	[1..1]			1558
	Currency <Ccy>	[0..1]	CodeSet	C1	1558
	TotalAmount <TtlAmt>	[1..1]	Amount		1559
	ValidityDate <VldtyDt>	[0..1]	Date		1559
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1559
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1559
	AuthorisationResult <AuthstnRslt>	[0..1]			1559
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1560
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1560
	Response <Rspn>	[1..1]	CodeSet		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1561
	TMSTrigger <TMSTrggr>	[0..1]			1561
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1562
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1562
	ActionType <ActnTp>	[1..1]	CodeSet		1562
	MessageToPresent <MsgToPres>	[0..1]	±		1564
	RemoteAccess <RmotAccs>	[0..1]	±		1564
	Retry <Rtry>	[0..1]	±		1565
	TimeCondition <TmCond>	[0..1]	±		1565

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrhdldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <BklId>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnvtr>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1532
	CardPresent <CardPres>	[0..1]	Indicator		1532
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1532
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1533
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1533
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1533
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1533
	BusinessArea <BizArea>	[0..1]	CodeSet		1534
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1534
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1534
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1535
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1535
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1536
	SaleContext <SaleCntxt>	[0..1]			1536
	SaleIdentification <SaleId>	[0..1]	Text		1537
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1537
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1538
	CashierIdentification <CshrId>	[0..1]	Text		1538
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1538
	ShiftNumber <ShftNb>	[0..1]	Text		1538
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1538
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1538
	InvoiceNumber <InvNb>	[0..1]	Text		1538
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1539
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1539
	CommonName <CmonNm>	[1..1]	Text		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539
	RegisteredIdentifier <Regldr>	[1..1]	Text		1539
	SplitPayment <SpltPmt>	[0..1]	Indicator		1540

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1540
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1540
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1540
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1540
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1541
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1541
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1541
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1542
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1542
	SystemToNotify <SysToNtfy>	[0..1]	Text		1542
	Debtor <Dbtr>	[0..1]	±		1543
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1544
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1544
	Creditor <Cdtr>	[0..1]	±		1544
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1545
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1546
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1546
	Debtor <Dbtr>	[0..1]	±		1547
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1548
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1549
	Creditor <Cdtr>	[0..1]	±		1549
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1550
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1551
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1551
	MandateIdentification <MndtId>	[1..1]	Text		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1552

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		1532
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1532
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1533
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1533
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1533
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1533
	BusinessArea <BizArea>	[0..1]	CodeSet		1534
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1534
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1534
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1535
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1535
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1536

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 2449):

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

27.4.2.2.2.1.2 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 2449):

- *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 2449):

- *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 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		1537
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1537
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1538
	CashierIdentification <CshrId>	[0..1]	Text		1538
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1538
	ShiftNumber <ShftNb>	[0..1]	Text		1538
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1538
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1538
	InvoiceNumber <InvcNb>	[0..1]	Text		1538
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1539
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1539
	CommonName <CmonNm>	[1..1]	Text		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1539
	SplitPayment <Spltpmt>	[0..1]	Indicator		1540
	RemainingAmount <RmngAmt>	[0..1]	Amount		1540
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1540
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1540
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1540
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1541
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1541

27.4.2.2.2.2.1 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 2454

27.4.2.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

- *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 2454

27.4.2.2.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1539
	Address <Adr>	[0..1]	Text		1539
	CountryCode <CtryCd>	[1..1]	CodeSet		1539
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1539
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1539

27.4.2.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

27.4.2.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

27.4.2.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1542
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1542
	SystemToNotify <SysToNtfy>	[0..1]	Text		1542
	Debtor <Dbtr>	[0..1]	±		1543
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1544
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1544
	Creditor <Cdtr>	[0..1]	±		1544
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1545
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1546

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 2449):

- *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 2449):

- *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 2451

27.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

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]	±		1547
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1548
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1549
	Creditor <Cdtr>	[0..1]	±		1549
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1550
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1551
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1551
	MandateIdentification <MndtId>	[1..1]	Text		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1552

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1552
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1552
	MandateImage <MndtImg>	[0..1]	Binary		1552
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1552

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 2454

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 2447

27.4.2.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

27.4.2.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction151** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1554
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1554
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1554
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1554
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1554
	TransactionIdentification <TxId>	[1..1]	±		1555
	OriginalTransaction <OrgnlTx>	[0..1]	±		1555
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1556
	Reversal <Rvs/ >	[0..1]	Indicator		1556
	FailureReason <FailrRsn>	[0..*]	CodeSet		1557
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1557
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1558
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1558
	InterchangeData <IntrchnngData>	[0..1]	Text		1558
	TransactionDetails <TxDtls>	[1..1]			1558
	Currency <Ccy>	[0..1]	CodeSet	C1	1558
	TotalAmount <TtlAmt>	[1..1]	Amount		1559
	ValidityDate <VldtyDt>	[0..1]	Date		1559
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1559
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1559
	AuthorisationResult <AuthstnRslt>	[0..1]			1559
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1560
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1560
	Response <Rspn>	[1..1]	CodeSet		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1561
	TMSTrigger <TMSTrggr>	[0..1]			1561
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1562
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1562
	ActionType <ActnTp>	[1..1]	CodeSet		1562
	MessageToPresent <MsgToPres>	[0..1]	±		1564
	RemoteAccess <RmotAccs>	[0..1]	±		1564
	Retry <Rtry>	[0..1]	±		1565
	TimeCondition <TmCond>	[0..1]	±		1565

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 2457

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 2449):

- *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 2454

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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

27.4.2.2.3.7 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

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 2449):

- *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 2449):

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

27.4.2.2.3.10 FailureReason <FailRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 2416

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

27.4.2.2.3.11 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

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 2452

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 2454

27.4.2.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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	1558
	TotalAmount <TtlAmt>	[1..1]	Amount		1559
	ValidityDate <VldtyDt>	[0..1]	Date		1559
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1559
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1559

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2447

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 2385

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 2449):

- *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]	±		1560
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1560
	Response <Rspn>	[1..1]	CodeSet		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1561
	TMSTrigger <TMSTrggr>	[0..1]			1561
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		1561
	ResponseReason <RspnRsn>	[0..1]	Text		1561
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1561

27.4.2.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

27.4.2.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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		1561
	TMSIdentification <TMSId>	[0..1]	Text		1562
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1562

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 2441

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 2454

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 2447

27.4.2.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

27.4.2.2.3.18 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1562
	MessageToPresent <MsgToPres>	[0..1]	±		1564
	RemoteAccess <RmotAccs>	[0..1]	±		1564
	Retry <Rtry>	[0..1]	±		1565
	TimeCondition <TmCond>	[0..1]	±		1565

27.4.2.2.3.18.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

27.4.2.2.3.18.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

27.4.2.2.3.18.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

27.4.2.2.3.18.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

27.4.2.2.3.18.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

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 **CardPaymentBatchTransfer14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1569
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1569
	CardBrand <CardBrnd>	[0..1]	Text		1569
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1570
	Currency <Ccy>	[0..1]	CodeSet	C1	1570
	Type <Tp>	[1..1]	CodeSet		1570
	TotalNumber <TtlNb>	[1..1]	Quantity		1570
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1570
	DataSet <DataSet>	[0..*]			1571
	DataSetIdentification <DataSetId>	[1..1]			1575
	Name <Nm>	[1..1]	Text		1575
	Type <Tp>	[1..1]	CodeSet		1575
	Version <Vrsn>	[0..1]	Text		1576
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1576
	Traceability <Tracblt>	[0..*]	±		1576
	DataSetInitiator <DataSetInitr>	[0..1]	±		1576
	TransactionTotals <TxTtls>	[1..*]			1577
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1577
	CardBrand <CardBrnd>	[0..1]	Text		1577
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1577
	Currency <Ccy>	[0..1]	CodeSet	C1	1577
	Type <Tp>	[1..1]	CodeSet		1578
	TotalNumber <TtlNb>	[1..1]	Quantity		1578
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1578
	CommonData <CmonData>	[0..1]			1578
	Environment <Envt>	[0..1]	±	C9	1581
	Context <Cntxt>	[0..1]		C10	1587
	PaymentContext <PmtCntxt>	[0..1]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1593
	SupportedOption <Spprt<Optn>	[0..*]	CodeSet		1594
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrlId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrd<ReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrd<Nb>	[0..1]	Text		1596
	InvoiceNumber <Inv<Nb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMr<chnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <Mr<chntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1597
	SplitPayment <Spl<Pmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1610
	TransactionType <TxTp>	[0..1]	CodeSet		1610
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1611
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1612
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1612
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1612
	Currency <Ccy>	[0..1]	CodeSet	C1	1613
	Transaction <Tx>	[1..*]			1613

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		1613
Or	Cancellation <Cxl>	[1..1]	±		1620
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1624
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1631
Or	TokenRequest <TknReq>	[1..1]			1636
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Envt>	[1..1]	±	C9	1637
Or}	TokenResponse <TknRspn>	[1..1]			1643
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644
	Environment <Envt>	[1..1]	±	C9	1644

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		1569
	CardBrand <CardBrnd>	[0..1]	Text		1569
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1570
	Currency <Ccy>	[0..1]	CodeSet	C1	1570
	Type <Tp>	[1..1]	CodeSet		1570
	TotalNumber <TtlNb>	[1..1]	Quantity		1570
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1570

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 2454

27.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

27.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

27.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet43** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1575
	Name <Nm>	[1..1]	Text		1575
	Type <Tp>	[1..1]	CodeSet		1575
	Version <Vrsn>	[0..1]	Text		1576
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1576
	Traceability <Tracblt>	[0..*]	±		1576
	DataSetInitiator <DataSetInitr>	[0..1]	±		1576
	TransactionTotals <TxTtls>	[1..*]			1577
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1577
	CardBrand <CardBrnd>	[0..1]	Text		1577
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1577
	Currency <Ccy>	[0..1]	CodeSet	C1	1577
	Type <Tp>	[1..1]	CodeSet		1578
	TotalNumber <TtlNb>	[1..1]	Quantity		1578
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1578
	CommonData <CmonData>	[0..1]			1578
	Environment <Envnt>	[0..1]	±	C9	1581
	Context <Cntxt>	[0..1]		C10	1587
	PaymentContext <PmtCntxt>	[0..1]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1594

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrlId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1596
	InvoiceNumber <InvcNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1597
	SplitPayment <Spltpmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1610
	TransactionType <TxTp>	[0..1]	CodeSet		1610
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1611
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1612
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1612
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1612
	Currency <Ccy>	[0..1]	CodeSet	C1	1613
	Transaction <Tx>	[1..*]			1613
{Or	Completion <Cmpltn>	[1..1]	±		1613
Or	Cancellation <Cxl>	[1..1]	±		1620
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1624
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1631
Or	TokenRequest <TknReq>	[1..1]			1636
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Envt>	[1..1]	±	C9	1637
Or}	TokenResponse <TknRspn>	[1..1]			1643
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1644

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		1575
	Type <Tp>	[1..1]	CodeSet		1575
	Version <Vrsn>	[0..1]	Text		1576
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1576

27.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2453

27.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2412

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 2453

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 2447

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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		1577
	CardBrand <CardBrnd>	[0..1]	Text		1577
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1577
	Currency <Ccy>	[0..1]	CodeSet	C1	1577
	Type <Tp>	[1..1]	CodeSet		1578
	TotalNumber <TtlNb>	[1..1]	Quantity		1578
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1578

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 2454

27.4.2.3.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

27.4.2.3.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 **CommonData15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C9	1581
	Context <Cntxt>	[0..1]		C10	1587
	PaymentContext <PmtCntxt>	[0..1]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1594
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrlId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1596
	InvoiceNumber <InvNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1597
	SplitPayment <SpltPmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1610
	TransactionType <TxTp>	[0..1]	CodeSet		1610

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1611
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1612
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1612
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1612
	Currency <Ccy>	[0..1]	CodeSet	C1	1613

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnvtr>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1594
	SaleContext <SaleCntxt>	[0..1]			1594
	SaleIdentification <SaleId>	[0..1]	Text		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1596
	InvoiceNumber <InvNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <Regldr>	[1..1]	Text		1597
	SplitPayment <SpltPmt>	[0..1]	Indicator		1598

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1599
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1604
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <Mndtld>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <Mndtlmg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1610

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		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1590
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1591
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1591
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1591
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1591
	BusinessArea <BizArea>	[0..1]	CodeSet		1592
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1592
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1592
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1593
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1593
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1594

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 2449):

- *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 2449):

- *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 2449):

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

27.4.2.3.2.5.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 2405

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 2441

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		1595
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1595
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1596
	CashierIdentification <CshrId>	[0..1]	Text		1596
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1596
	ShiftNumber <ShftNb>	[0..1]	Text		1596
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1596
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1596
	InvoiceNumber <InvcNb>	[0..1]	Text		1596
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1597
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1597
	CommonName <CmonNm>	[1..1]	Text		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1597
	SplitPayment <SpltPmt>	[0..1]	Indicator		1598
	RemainingAmount <RmngAmt>	[0..1]	Amount		1598
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1598
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1598
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1598
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1599
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1599

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 2454

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 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

- *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 2454

27.4.2.3.2.5.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1597
	Address <Adr>	[0..1]	Text		1597
	CountryCode <CtryCd>	[1..1]	CodeSet		1597
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1597
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1597

27.4.2.3.2.5.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

27.4.2.3.2.5.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

27.4.2.3.2.5.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

27.4.2.3.2.5.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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.)

27.4.2.3.2.5.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2439

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.

27.4.2.3.2.5.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2456

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		1600
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1600
	SystemToNotify <SysToNtfy>	[0..1]	Text		1600
	Debtor <Dbtr>	[0..1]	±		1601
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1602
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1602
	Creditor <Cdtr>	[0..1]	±		1602
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1603
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1604

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1607
	Creditor <Cdtr>	[0..1]	±		1607
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1608
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1609
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1609
	MandateIdentification <MndtId>	[1..1]	Text		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1610

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <Dgstddata>	[0..1]	±		2360

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		1610
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1610
	MandateImage <MndtImg>	[0..1]	Binary		1610
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1610

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 2454

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 2447

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 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2406

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 2409

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 2407

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 2457

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 **CardPaymentDataSetTransaction14Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		1613
Or	Cancellation <Cxl>	[1..1]	±		1620
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1624
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1631
Or	TokenRequest <TknReq>	[1..1]			1636
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Env<	[1..1]	±	C9	1637
Or}	TokenResponse <TknRspn>	[1..1]			1643
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644
	Environment <Env<	[1..1]	±	C9	1644

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 "CardPaymentDataSetTransaction55" on page 1905 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1912
	Traceability <Tracblt>	[0..*]	±		1912
	Environment <Envt>	[1..1]	±	C9	1913
	Context <Cntxt>	[0..1]		C10	1919
	PaymentContext <PmtCntxt>	[0..1]			1922
	CardPresent <CardPres>	[0..1]	Indicator		1922
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1922
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1923
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1923
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1923
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1923
	BusinessArea <BizArea>	[0..1]	CodeSet		1924
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1924
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1924
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1925
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1925
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1926
	SaleContext <SaleCntxt>	[0..1]			1926
	SaleIdentification <SaleId>	[0..1]	Text		1927
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1927
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1928
	CashierIdentification <CshrId>	[0..1]	Text		1928
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1928
	ShiftNumber <ShftNb>	[0..1]	Text		1928
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1928
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1928
	InvoiceNumber <InvcNb>	[0..1]	Text		1928
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1929
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1929
	CommonName <CmonNm>	[1..1]	Text		1929

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1929
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1929
	SplitPayment <Spltpmt>	[0..1]	Indicator		1930
	RemainingAmount <RmngAmt>	[0..1]	Amount		1930
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1930
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1930
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1930
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1931
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1931
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1931
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1932
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1932
	SystemToNotify <SysToNtfy>	[0..1]	Text		1932
	Debtor <Dbtr>	[0..1]	±		1933
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1934
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1934
	Creditor <Cdtr>	[0..1]	±		1934
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1935
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1936
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1936
	Debtor <Dbtr>	[0..1]	±		1937
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1938
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1939
	Creditor <Cdtr>	[0..1]	±		1939
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1940
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1941
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1941
	MandateIdentification <MndtId>	[1..1]	Text		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1942
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1942
	Transaction <Tx>	[1..1]			1942
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1947
	TransactionType <TxTp>	[0..1]	CodeSet		1947
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1948
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1949
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1949
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1949
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1950
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1950
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1950
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1950
	TransactionIdentification <TxId>	[1..1]	±		1950
	OriginalTransaction <OrgnlTx>	[0..1]	±		1950
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1951
	Reversal <Rvsl>	[0..1]	Indicator		1951
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1952
	FailureReason <FailrRsn>	[0..*]	CodeSet		1952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1953
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1953
	InterchangeData <IntrchnngData>	[0..1]	Text		1953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1953
	TransactionDetails <TxDtls>	[1..1]			1953
	Currency <Ccy>	[0..1]	CodeSet	C1	1956
	TotalAmount <TtlAmt>	[1..1]	Amount		1956
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1956
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1956
	DetailedAmount <DtldAmt>	[0..1]	±		1956

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1957
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1957
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1957
	ValidityDate <VldtyDt>	[0..1]	Date		1957
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1957
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1958
	AccountType <AcctTp>	[0..1]	CodeSet		1958
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1959
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <AplblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtDtls>	[0..*]	±		1967
	Instalment <Instlmt>	[0..*]	±		1968
	Recurring <Rcrng>	[0..1]	±		1969
	AggregationTransaction <AggtTx>	[0..1]	±		1970
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1970
	SaleItem <Saleitm>	[0..*]	±		1970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1971
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1971
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1971
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1972
	AdditionalInformation <AddtlInf>	[0..*]			1972
	Identification <Id>	[1..1]	Text		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1973
	AuthorisationResult <AuthstnRslt>	[0..1]			1973
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1973
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1974
	Response <Rspn>	[1..1]	CodeSet		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1975
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1975
	AccountFrom <AcctFr>	[0..1]			1975
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1976
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1977
	AccountName <AcctNm>	[0..1]	Text		1977
	AccountOwner <AcctOwnr>	[0..1]			1978
	Name <Nm>	[1..1]	Text		1978
	Address <Adr>	[1..1]	±		1978
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	AccountIdentifier <AcctIdr>	[0..1]			1979
{Or	Card <Card>	[1..1]	Text		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980
	Servicer <Svcr>	[0..1]			1980
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981
	AccountTo <AcctTo>	[0..1]			1981
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1982
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1983
	AccountName <AcctNm>	[0..1]	Text		1983
	AccountOwner <AcctOwnr>	[0..1]			1984
	Name <Nm>	[1..1]	Text		1984
	Address <Adr>	[1..1]	±		1984
	Currency <Ccy>	[0..1]	CodeSet	C1	1984

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			1985
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986
	Servicer <Svcr>	[0..1]			1986
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1987
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1987
	ActionType <ActnTp>	[1..1]	CodeSet		1988
	MessageToPresent <MsgToPres>	[0..1]	±		1989
	RemoteAccess <RmotAccs>	[0..1]	±		1990
	Retry <Rtry>	[0..1]	±		1990
	TimeCondition <TmCond>	[0..1]	±		1990

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 "[CardPaymentDataSetTransaction54](#)" on page 1991 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1995
	Traceability <Tracblt>	[0..*]	±		1995
	Environment <Envt>	[1..1]	±	C9	1995
	Context <Cntxt>	[0..1]		C10	2001
	PaymentContext <PmtCntxt>	[0..1]			2004
	CardPresent <CardPres>	[0..1]	Indicator		2004
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		2004
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2005
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2005
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		2005
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2005
	BusinessArea <BizArea>	[0..1]	CodeSet		2006
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2006
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	2006
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2007
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2007
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		2008
	SaleContext <SaleCntxt>	[0..1]			2008
	SaleIdentification <SaleId>	[0..1]	Text		2009
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2009
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2010
	CashierIdentification <CshrId>	[0..1]	Text		2010
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	2010
	ShiftNumber <ShftNb>	[0..1]	Text		2010
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		2010
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		2010
	InvoiceNumber <InvNb>	[0..1]	Text		2010
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2011
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2011
	CommonName <CmonNm>	[1..1]	Text		2011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		2011
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <RegIdr>	[1..1]	Text		2011
	SplitPayment <SpltPmt>	[0..1]	Indicator		2012
	RemainingAmount <RmngAmt>	[0..1]	Amount		2012
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		2012
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2012
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2012
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2013
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2013
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	2013
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		2014
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		2014
	SystemToNotify <SysToNtfy>	[0..1]	Text		2014
	Debtor <Dbtr>	[0..1]	±		2015
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2016
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		2016
	Creditor <Cdtr>	[0..1]	±		2016
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2017
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2018
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2018
	Debtor <Dbtr>	[0..1]	±		2019
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2020
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		2021
	Creditor <Cdtr>	[0..1]	±		2021
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2022
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2023
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2023
	MandateIdentification <MndtId>	[1..1]	Text		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		2024
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		2024
	Transaction <Tx>	[1..1]			2024
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2026
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2026
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2026
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2026
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2026
	TransactionIdentification <TxId>	[1..1]	±		2027
	OriginalTransaction <OrgnlTx>	[0..1]	±		2027
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2028
	Reversal <Rvsl>	[0..1]	Indicator		2028
	FailureReason <FailrRsn>	[0..*]	CodeSet		2029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2029
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2030
	InterchangeData <IntrchgngData>	[0..1]	Text		2030
	TransactionDetails <TxDtls>	[1..1]			2030
	Currency <Ccy>	[0..1]	CodeSet	C1	2030
	TotalAmount <TtlAmt>	[1..1]	Amount		2031
	ValidityDate <VldtyDt>	[0..1]	Date		2031
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2031
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		2031
	AuthorisationResult <AuthstnRslt>	[0..1]			2031
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2032
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2032
	Response <Rspn>	[1..1]	CodeSet		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2033
	TMSTrigger <TMSTrggr>	[0..1]			2033

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		2033
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		2034
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2034
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2034
	ActionType <ActnTp>	[1..1]	CodeSet		2034
	MessageToPresent <MsgToPres>	[0..1]	±		2036
	RemoteAccess <RmotAccs>	[0..1]	±		2036
	Retry <Rtry>	[0..1]	±		2037
	TimeCondition <TmCond>	[0..1]	±		2037

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
"CardPaymentDataSetTransaction56" on page 1823 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1830
	Traceability <Tracblt>	[0..*]	±		1830
	Environment <Envt>	[1..1]	±	C9	1830
	Context <Cntxt>	[0..1]		C10	1836
	PaymentContext <PmtCntxt>	[0..1]			1839
	CardPresent <CardPres>	[0..1]	Indicator		1839
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1839
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1840
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1840
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1840
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1840
	BusinessArea <BizArea>	[0..1]	CodeSet		1841
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1841
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1841
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1842
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1842
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1843
	SaleContext <SaleCntxt>	[0..1]			1843
	SaleIdentification <SaleId>	[0..1]	Text		1844
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1844
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1845
	CashierIdentification <CshrId>	[0..1]	Text		1845
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1845
	ShiftNumber <ShftNb>	[0..1]	Text		1845
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1845
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1845
	InvoiceNumber <InvcNb>	[0..1]	Text		1845
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1846
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1846
	CommonName <CmonNm>	[1..1]	Text		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1846
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1846
	SplitPayment <SpltPmt>	[0..1]	Indicator		1847
	RemainingAmount <RmngAmt>	[0..1]	Amount		1847
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1847
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1847
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1847
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1848
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1848
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1848
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1849
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1849
	SystemToNotify <SysToNtfy>	[0..1]	Text		1849
	Debtor <Dbtr>	[0..1]	±		1850
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1851
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1851
	Creditor <Cdtr>	[0..1]	±		1851
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1852
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1853
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1853
	Debtor <Dbtr>	[0..1]	±		1854
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1855
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1856
	Creditor <Cdtr>	[0..1]	±		1856
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1857
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1858
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1858
	MandateIdentification <MndtId>	[1..1]	Text		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1859
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1859
	Transaction <Tx>	[1..1]			1859
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1864
	TransactionType <TxTp>	[0..1]	CodeSet		1864
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1865
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1865
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1866
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1866
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1866
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1866
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1867
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1867
	TransactionIdentification <TxId>	[1..1]	±		1867
	OriginalTransaction <OrgnlTx>	[0..1]	±		1867
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1868
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1868
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1869
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1869
	TransactionDetails <TxDtls>	[1..1]			1869
	Currency <Ccy>	[0..1]	CodeSet	C1	1872
	TotalAmount <TtlAmt>	[1..1]	Amount		1872
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1872
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1872
	DetailedAmount <DtldAmt>	[0..1]	±		1872
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1873
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1873
	InvoiceAmount <InvAmt>	[0..1]	Amount		1873
	ValidityDate <VldtyDt>	[0..1]	Date		1873
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1873
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1874

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1874
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1875
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1877
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <AplblBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			1883
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtDtls>	[0..*]	±		1883
	Instalment <Instlmt>	[0..*]	±		1884
	Recurring <Rcrng>	[0..1]	±		1885
	AggregationTransaction <AggtnTx>	[0..1]	±		1886
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1886
	SaleItem <Saleitm>	[0..*]	±		1886
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1887
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1887
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1887
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1887
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1888
	AdditionalInformation <AddtlInf>	[0..*]			1888
	Identification <Id>	[1..1]	Text		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrtctdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1889
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1889
	AccountFrom <AcctFr>	[0..1]			1889
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1890
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1891
	AccountName <AcctNm>	[0..1]	Text		1891
	AccountOwner <AcctOwnr>	[0..1]			1892
	Name <Nm>	[1..1]	Text		1892
	Address <Adr>	[1..1]	±		1892
	Currency <Ccy>	[0..1]	CodeSet	C1	1892
	AccountIdentifier <AcctIdr>	[0..1]			1893
{Or	Card <Card>	[1..1]	Text		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1893
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894
	Servicer <Svcr>	[0..1]			1894
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895
	AccountTo <AcctTo>	[0..1]			1895
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1896
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1897
	AccountName <AcctNm>	[0..1]	Text		1897
	AccountOwner <AcctOwnr>	[0..1]			1898
	Name <Nm>	[1..1]	Text		1898
	Address <Adr>	[1..1]	±		1898
	Currency <Ccy>	[0..1]	CodeSet	C1	1898
	AccountIdentifier <AcctIdr>	[0..1]			1899
{Or	Card <Card>	[1..1]	Text		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900
	Servicer <Svcr>	[0..1]			1900
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1901

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1901
	ActionType <ActnTp>	[1..1]	CodeSet		1902
	MessageToPresent <MsgToPres>	[0..1]	±		1903
	RemoteAccess <RmotAccs>	[0..1]	±		1904
	Retry <Rtry>	[0..1]	±		1904
	TimeCondition <TmCond>	[0..1]	±		1904

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
"CardPaymentDataSetTransaction57" on page 1764 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1769
	Traceability <Tracblt>	[0..*]	±		1769
	Environment <Envt>	[1..1]	±	C9	1770
	Transaction <Tx>	[1..1]			1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1779
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1780
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1780
	InterchangeData <IntrchgData>	[0..1]	Text		1780
	TransactionDetails <TxDtls>	[1..1]			1780
	Currency <Ccy>	[0..1]	CodeSet	C1	1783
	TotalAmount <TtlAmt>	[1..1]	Amount		1783
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1783
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1783
	DetailedAmount <DtldAmt>	[0..1]	±		1783
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1784
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1784
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1784
	ValidityDate <VldtyDt>	[0..1]	Date		1784
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1784
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1785
	AccountType <AcctTp>	[0..1]	CodeSet		1785
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			1786
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convrs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <AplblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1794
	Instalment <Instlmt>	[0..*]	±		1795
	Recurring <Rcrng>	[0..1]	±		1796
	AggregationTransaction <AggtnTx>	[0..1]	±		1797
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1797

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1797
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1798
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1798
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1798
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1798
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1799
	AdditionalInformation <AddtlInf>	[0..*]			1799
	Identification <Id>	[1..1]	Text		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrctcdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1800
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1800
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1802
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	TransactionResponse <TxRspn>	[1..1]			1803
	AuthorisationResult <AuthstnRslt>	[1..1]			1806
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1806
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1807
	Response <Rspn>	[1..1]	CodeSet		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1807
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1807
	TMSTrigger <TMSTrggr>	[0..1]			1808
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808
	AllowedProductCode <AllwdPdctCd>	[0..*]			1808
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1810
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1810
	AmountLimit <AmtLmt>	[0..1]	Amount		1810
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1810
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1810
	Balance <Bal>	[0..1]	±		1812
	ProtectedBalance <PrctdBal>	[0..1]	±		1812
	Action <Actn>	[0..*]			1813
	ActionType <ActnTp>	[1..1]	CodeSet		1813
	MessageToPresent <MsgToPres>	[0..1]	±		1814
	RemoteAccess <RmotAccs>	[0..1]	±		1815
	Retry <Rtry>	[0..1]	±		1815
	TimeCondition <TmCond>	[0..1]	±		1816
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1816
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1818
	TargetCurrency <TrgtCcy>	[1..1]			1818
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1819
	ExchangeRate <XchgRate>	[1..1]	Rate		1819
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1819
	ValidFrom <VldFr>	[0..1]	DateTime		1819
	ValidUntil <VldUntil>	[0..1]	DateTime		1819
	SourceCurrency <SrcCcy>	[1..1]			1819
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <Dcml>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820
	ApplicableBinRange <Aplb/BinRg>	[0..*]			1820
	LowerBin <LwrBin>	[1..1]	Text		1821
	HigherBin <HghrBin>	[1..1]	Text		1821
	OriginalAmount <OrgnlAmt>	[0..1]			1821
	ActualAmount <ActlAmt>	[0..1]	Amount		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821
	CommissionDetails <ComssnDtls>	[0..*]			1822
	Amount <Amt>	[1..1]	Amount		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	MarkUpDetails <MrkUpDtls>	[0..*]			1822
	Rate <Rate>	[1..1]	Rate		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1822

27.4.2.3.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1636
	Environment <Envnt>	[1..1]	±	C9	1637

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 2457

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 **TokenRequestComponent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1644
	Environment <Envt>	[1..1]	±	C9	1644

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 2457

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnvtr>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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 2353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2353
	AuthenticatedData <AuthntcdData>	[0..1]	±		2354
	SignedData <SgndData>	[0..1]	±		2354

28 caaa.027.001.03 AcquirerToAcceptorBatchFileExchangeV03

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 AcquirerToAcceptorBatchFileExchangeV03 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]			1657
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1657
	FormatVersion <FrmtVrsn>	[1..1]	Text		1657
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1657
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1657
	InitiatingParty <InitgPty>	[1..1]	±		1658
	RecipientParty <RcptPty>	[0..1]	±		1658
	BodyElement <BodyElmt>	[0..*]			1659
	CompletionAdviceResponse <CmpltnAdvRspn>	[0..1]			1663
	Environment <Envt>	[1..1]	±	C3	1663
	Transaction <Tx>	[1..1]			1669
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1670
	TransactionIdentification <TxId>	[1..1]	±		1670
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1670
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1670
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1670
	Response <Rspn>	[1..1]	CodeSet		1671
	TMSTrigger <TMSTrggr>	[0..1]			1671
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1671
	TMSIdentification <TMSId>	[0..1]	Text		1671
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1672
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1672
	CancellationResponse <CxlRspn>	[0..1]			1672
	Environment <Envt>	[1..1]	±	C3	1673
	Transaction <Tx>	[1..1]			1679
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1680
	TransactionIdentification <TxId>	[1..1]	±		1680
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1680
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1680

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1680
	Response <Rspn>	[1..1]	CodeSet		1681
	TMSTrigger <TMSTrggr>	[0..1]			1681
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1681
	TMSIdentification <TMSId>	[0..1]	Text		1681
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1682
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1682
	TransactionTotals <TxTtls>	[0..*]			1685
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1685
	CardBrand <CardBrnd>	[0..1]	Text		1685
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1686
	Currency <Ccy>	[0..1]	CodeSet	C1	1686
	Type <Tp>	[1..1]	CodeSet		1686
	TotalNumber <TtlNb>	[1..1]	Quantity		1686
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1686
	DataSet <DataSet>	[0..*]			1687
	DataSetIdentification <DataSetId>	[1..1]			1690
	Name <Nm>	[1..1]	Text		1690
	Type <Tp>	[1..1]	CodeSet		1690
	Version <Vrsn>	[0..1]	Text		1691
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1691
	DataSetResult <DataSetRslt>	[1..1]			1691
	Response <Rspn>	[1..1]	CodeSet		1691
	ResponseReason <RspnRsn>	[0..1]	Text		1691
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1692
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1692
	DataSetInitiator <DataSetInitr>	[0..1]	±		1692
	TransactionTotals <TxTtls>	[1..*]			1692
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1693
	CardBrand <CardBrnd>	[0..1]	Text		1693
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1693

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1693
	Type <Tp>	[1..1]	CodeSet		1693
	TotalNumber <TtlNb>	[1..1]	Quantity		1694
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1694
	RejectedTransaction <RjctdTx>	[0..*]			1694
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1695
	TransactionResponse <TxRspn>	[1..1]			1695
	Response <Rspn>	[1..1]	CodeSet		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696
	Environment <Envt>	[1..1]	±	C3	1696
	Transaction <Tx>	[1..1]			1702
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703
	SuspendedTransaction <SspdTx>	[0..*]			1703
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1704
	TransactionResponse <TxRspn>	[1..1]			1704
	Response <Rspn>	[1..1]	CodeSet		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705
	Environment <Envt>	[1..1]	±	C3	1705
	Transaction <Tx>	[1..1]			1711
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712
	ResumedApproval <RsmdApprvl>	[0..*]			1712
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1713
	TransactionResponse <TxRspn>	[1..1]			1713
	Response <Rspn>	[1..1]	CodeSet		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714
	Environment <Envt>	[1..1]	±	C3	1714
	Transaction <Tx>	[1..1]			1720
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721
	ResumedRejection <RsmdRjctn>	[0..*]			1721
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1722
	TransactionResponse <TxRspn>	[1..1]			1722
	Response <Rspn>	[1..1]	CodeSet		1722
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723
	Environment <Envt>	[1..1]	±	C3	1723
	Transaction <Tx>	[1..1]			1729
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1730
	TransactionIdentification <TxId>	[1..1]	±		1730
	Response <Rspn>	[1..1]	CodeSet		1730
	Response <Rspn>	[1..1]	±		1730
	SecurityTrailer <SctyTrlr>	[0..1]	±		1731

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		1657
	FormatVersion <FrmtVrsn>	[1..1]	Text		1657
	Exchangeldentification <Xchgld>	[1..1]	Quantity		1657
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1657
	InitiatingParty <InitgPty>	[1..1]	±		1658
	RecipientParty <RcptPty>	[0..1]	±		1658

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 2449](#)):

- *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 2456](#)

28.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number" on page 2449](#)

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 2447

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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

28.4.2 **BodyElement <BodyElmt>**

Presence: [0..*]

Definition: Record of an exchange to an Acceptor.

BodyElement <BodyElmt> contains the following **AcquirerToAcceptorFileBody3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdviceResponse <CmpltnAdvcRspn>	[0..1]			1663
	Environment <Envt>	[1..1]	±	C3	1663
	Transaction <Tx>	[1..1]			1669
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1670
	TransactionIdentification <TxId>	[1..1]	±		1670
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1670
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1670
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1670
	Response <Rspn>	[1..1]	CodeSet		1671
	TMSTrigger <TMSTrggr>	[0..1]			1671
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1671
	TMSIdentification <TMSId>	[0..1]	Text		1671
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1672
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1672
	CancellationResponse <CxlRspn>	[0..1]			1672
	Environment <Envt>	[1..1]	±	C3	1673
	Transaction <Tx>	[1..1]			1679
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1680
	TransactionIdentification <TxId>	[1..1]	±		1680
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1680
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1680
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1680
	Response <Rspn>	[1..1]	CodeSet		1681
	TMSTrigger <TMSTrggr>	[0..1]			1681
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1681
	TMSIdentification <TMSId>	[0..1]	Text		1681
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1682
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1682
	TransactionTotals <TxTtls>	[0..*]			1685
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1685
	CardBrand <CardBrnd>	[0..1]	Text		1685

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1686
	Currency <Ccy>	[0..1]	CodeSet	C1	1686
	Type <Tp>	[1..1]	CodeSet		1686
	TotalNumber <TtlNb>	[1..1]	Quantity		1686
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1686
	DataSet <DataSet>	[0..*]			1687
	DataSetIdentification <DataSetId>	[1..1]			1690
	Name <Nm>	[1..1]	Text		1690
	Type <Tp>	[1..1]	CodeSet		1690
	Version <Vrsn>	[0..1]	Text		1691
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1691
	DataSetResult <DataSetRslt>	[1..1]			1691
	Response <Rspn>	[1..1]	CodeSet		1691
	ResponseReason <RspnRsn>	[0..1]	Text		1691
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1692
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1692
	DataSetInitiator <DataSetIntr>	[0..1]	±		1692
	TransactionTotals <TxTtls>	[1..*]			1692
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1693
	CardBrand <CardBrnd>	[0..1]	Text		1693
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1693
	Currency <Ccy>	[0..1]	CodeSet	C1	1693
	Type <Tp>	[1..1]	CodeSet		1693
	TotalNumber <TtlNb>	[1..1]	Quantity		1694
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1694
	RejectedTransaction <RjctdTx>	[0..*]			1694
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1695
	TransactionResponse <TxRspn>	[1..1]			1695
	Response <Rspn>	[1..1]	CodeSet		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1696
	Transaction <Tx>	[1..1]			1702
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703
	SuspendedTransaction <SspdTx>	[0..*]			1703
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1704
	TransactionResponse <TxRspn>	[1..1]			1704
	Response <Rspn>	[1..1]	CodeSet		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705
	Environment <Envt>	[1..1]	±	C3	1705
	Transaction <Tx>	[1..1]			1711
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712
	ResumedApproval <RsmdApprvl>	[0..*]			1712
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1713
	TransactionResponse <TxRspn>	[1..1]			1713
	Response <Rspn>	[1..1]	CodeSet		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714
	Environment <Envt>	[1..1]	±	C3	1714
	Transaction <Tx>	[1..1]			1720
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721
	ResumedRejection <RsmdRjctn>	[0..*]			1721
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1722
	TransactionResponse <TxRspn>	[1..1]			1722
	Response <Rspn>	[1..1]	CodeSet		1722

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723
	Environment <Envt>	[1..1]	±	C3	1723
	Transaction <Tx>	[1..1]			1729
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1730
	TransactionIdentification <TxId>	[1..1]	±		1730
	Response <Rspn>	[1..1]	CodeSet		1730

28.4.2.1 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [0..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following
AcceptorCompletionAdviceResponse14 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1663
	Transaction <Tx>	[1..1]			1669
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1670
	TransactionIdentification <TxId>	[1..1]	±		1670
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1670
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1670
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1670
	Response <Rspn>	[1..1]	CodeSet		1671
	TMSTrigger <TMSTrggr>	[0..1]			1671
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1671
	TMSIdentification <TMSId>	[0..1]	Text		1671
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1672
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1672

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltdAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1670
	TransactionIdentification <TxId>	[1..1]	±		1670
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1670
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1670
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1670
	Response <Rspn>	[1..1]	CodeSet		1671

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

28.4.2.1.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		1671
	TMSIdentification <TMSId>	[0..1]	Text		1671
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1672

28.4.2.1.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

28.4.2.1.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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 **AcceptorCancellationAdviceResponse14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1673
	Transaction <Tx>	[1..1]			1679
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1680
	TransactionIdentification <TxId>	[1..1]	±		1680
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1680
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1680
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1680
	Response <Rspn>	[1..1]	CodeSet		1681
	TMSTrigger <TMSTrggr>	[0..1]			1681
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1681
	TMSIdentification <TMSId>	[0..1]	Text		1681
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1682

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1680
	TransactionIdentification <TxId>	[1..1]	±		1680
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1680
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1680
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1680
	Response <Rspn>	[1..1]	CodeSet		1681

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

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 2454

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 2452

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 2454

28.4.2.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2436

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		1681
	TMSIdentification <TMSId>	[0..1]	Text		1681
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1682

28.4.2.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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 2454

28.4.2.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 2447

28.4.2.3 BatchTransferResponse <BtchTrfRspn>

Presence: [0..1]

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

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1685
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1685
	CardBrand <CardBrnd>	[0..1]	Text		1685
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1686
	Currency <Ccy>	[0..1]	CodeSet	C1	1686
	Type <Tp>	[1..1]	CodeSet		1686
	TotalNumber <TtlNb>	[1..1]	Quantity		1686
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1686
	DataSet <DataSet>	[0..*]			1687
	DataSetIdentification <DataSetId>	[1..1]			1690
	Name <Nm>	[1..1]	Text		1690
	Type <Tp>	[1..1]	CodeSet		1690
	Version <Vrsn>	[0..1]	Text		1691
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1691
	DataSetResult <DataSetRslt>	[1..1]			1691
	Response <Rspn>	[1..1]	CodeSet		1691
	ResponseReason <RspnRsn>	[0..1]	Text		1691
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1692
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1692
	DataSetInitiator <DataSetInitr>	[0..1]	±		1692
	TransactionTotals <TxTtls>	[1..*]			1692
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1693
	CardBrand <CardBrnd>	[0..1]	Text		1693
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1693
	Currency <Ccy>	[0..1]	CodeSet	C1	1693
	Type <Tp>	[1..1]	CodeSet		1693
	TotalNumber <TtlNb>	[1..1]	Quantity		1694
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1694
	RejectedTransaction <RjctdTx>	[0..*]			1694
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1695

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			1695
	Response <Rspn>	[1..1]	CodeSet		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696
	Environment <Envt>	[1..1]	±	C3	1696
	Transaction <Tx>	[1..1]			1702
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703
	SuspendedTransaction <SspdTx>	[0..*]			1703
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1704
	TransactionResponse <TxRspn>	[1..1]			1704
	Response <Rspn>	[1..1]	CodeSet		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705
	Environment <Envt>	[1..1]	±	C3	1705
	Transaction <Tx>	[1..1]			1711
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712
	ResumedApproval <RsmdApprvl>	[0..*]			1712
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1713
	TransactionResponse <TxRspn>	[1..1]			1713
	Response <Rspn>	[1..1]	CodeSet		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714
	Environment <Envt>	[1..1]	±	C3	1714
	Transaction <Tx>	[1..1]			1720
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			1721
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1722
	TransactionResponse <TxRspn>	[1..1]			1722
	Response <Rspn>	[1..1]	CodeSet		1722
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723
	Environment <Envt>	[1..1]	±	C3	1723
	Transaction <Tx>	[1..1]			1729
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1730
	TransactionIdentification <TxId>	[1..1]	±		1730
	Response <Rspn>	[1..1]	CodeSet		1730

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		1685
	CardBrand <CardBrnd>	[0..1]	Text		1685
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1686
	Currency <Ccy>	[0..1]	CodeSet	C1	1686
	Type <Tp>	[1..1]	CodeSet		1686
	TotalNumber <TtlNb>	[1..1]	Quantity		1686
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1686

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 2454

28.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

28.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

28.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet42** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1690
	Name <Nm>	[1..1]	Text		1690
	Type <Tp>	[1..1]	CodeSet		1690
	Version <Vrsn>	[0..1]	Text		1691
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1691
	DataSetResult <DataSetRslt>	[1..1]			1691
	Response <Rspn>	[1..1]	CodeSet		1691
	ResponseReason <RspnRsn>	[0..1]	Text		1691
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1692
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1692
	DataSetInitiator <DataSetInitr>	[0..1]	±		1692
	TransactionTotals <TxTtls>	[1..*]			1692
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1693
	CardBrand <CardBrnd>	[0..1]	Text		1693
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1693
	Currency <Ccy>	[0..1]	CodeSet	C1	1693
	Type <Tp>	[1..1]	CodeSet		1693
	TotalNumber <TtlNb>	[1..1]	Quantity		1694
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1694
	RejectedTransaction <RjctdTx>	[0..*]			1694
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1695
	TransactionResponse <TxRspn>	[1..1]			1695
	Response <Rspn>	[1..1]	CodeSet		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696
	Environment <Envt>	[1..1]	±	C3	1696
	Transaction <Tx>	[1..1]			1702
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703
	SuspendedTransaction <SspdTx>	[0..*]			1703

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1704
	TransactionResponse <TxRspn>	[1..1]			1704
	Response <Rspn>	[1..1]	CodeSet		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705
	Environment <Envvt>	[1..1]	±	C3	1705
	Transaction <Tx>	[1..1]			1711
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712
	ResumedApproval <RsmdApprvl>	[0..*]			1712
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1713
	TransactionResponse <TxRspn>	[1..1]			1713
	Response <Rspn>	[1..1]	CodeSet		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714
	Environment <Envvt>	[1..1]	±	C3	1714
	Transaction <Tx>	[1..1]			1720
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721
	ResumedRejection <RsmdRjctn>	[0..*]			1721
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1722
	TransactionResponse <TxRspn>	[1..1]			1722
	Response <Rspn>	[1..1]	CodeSet		1722
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723
	Environment <Envvt>	[1..1]	±	C3	1723
	Transaction <Tx>	[1..1]			1729
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1730
	TransactionIdentification <TxId>	[1..1]	±		1730

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1730

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		1690
	Type <Tp>	[1..1]	CodeSet		1690
	Version <Vrsn>	[0..1]	Text		1691
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1691

28.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2453

28.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2412

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 2453

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 2447

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		1691
	ResponseReason <RspnRsn>	[0..1]	Text		1691
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1692

28.4.2.3.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 2449):

- *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 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

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		1693
	CardBrand <CardBrnd>	[0..1]	Text		1693
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1693
	Currency <Ccy>	[0..1]	CodeSet	C1	1693
	Type <Tp>	[1..1]	CodeSet		1693
	TotalNumber <TtlNb>	[1..1]	Quantity		1694
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1694

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 2454

28.4.2.3.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

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 2454

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2443

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 2449

28.4.2.3.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1695
	TransactionResponse <TxRspn>	[1..1]			1695
	Response <Rspn>	[1..1]	CodeSet		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696
	Environment <Envt>	[1..1]	±	C3	1696
	Transaction <Tx>	[1..1]			1702
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703

28.4.2.3.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		1695
	ResponseReason <RspnRsn>	[0..1]	Text		1696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1696

28.4.2.3.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1703
	TransactionIdentification <TxId>	[1..1]	±		1703
	Response <Rspn>	[1..1]	CodeSet		1703

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

28.4.2.3.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1704
	TransactionResponse <TxRspn>	[1..1]			1704
	Response <Rspn>	[1..1]	CodeSet		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705
	Environment <Envnt>	[1..1]	±	C3	1705
	Transaction <Tx>	[1..1]			1711
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712

28.4.2.3.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		1704
	ResponseReason <RspnRsn>	[0..1]	Text		1705
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1705

28.4.2.3.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1712
	TransactionIdentification <TxId>	[1..1]	±		1712
	Response <Rspn>	[1..1]	CodeSet		1712

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

28.4.2.3.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1713
	TransactionResponse <TxRspn>	[1..1]			1713
	Response <Rspn>	[1..1]	CodeSet		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714
	Environment <Envnt>	[1..1]	±	C3	1714
	Transaction <Tx>	[1..1]			1720
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721

28.4.2.3.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		1713
	ResponseReason <RspnRsn>	[0..1]	Text		1714
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1714

28.4.2.3.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1721
	TransactionIdentification <TxId>	[1..1]	±		1721
	Response <Rspn>	[1..1]	CodeSet		1721

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

28.4.2.3.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 **CardPaymentDataSet41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1722
	TransactionResponse <TxRspn>	[1..1]			1722
	Response <Rspn>	[1..1]	CodeSet		1722
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723
	Environment <Envnt>	[1..1]	±	C3	1723
	Transaction <Tx>	[1..1]			1729
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1730
	TransactionIdentification <TxId>	[1..1]	±		1730
	Response <Rspn>	[1..1]	CodeSet		1730

28.4.2.3.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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		1722
	ResponseReason <RspnRsn>	[0..1]	Text		1723
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1723

28.4.2.3.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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 2454

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 2452

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrtctdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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		1730
	TransactionIdentification <TxId>	[1..1]	±		1730
	Response <Rspn>	[1..1]	CodeSet		1730

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

28.4.2.3.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2436

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 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

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 2353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2353
	AuthenticatedData <AuthntcdData>	[0..1]	±		2354
	SignedData <SgndData>	[0..1]	±		2354

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]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 1736](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1736
Or}	Other <Othr>	[1..1]	±		1737

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 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1735
Or}	Proprietary <Prtry>	[1..1]	Text		1735

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 2389

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 2456

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 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1734
{Or	Code <Cd>	[1..1]	CodeSet		1734
Or}	Proprietary <Prtry>	[1..1]	Text		1734
	Identification <Id>	[1..1]	Text		1734

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]			1734
{Or	Code <Cd>	[1..1]	CodeSet		1734
Or}	Proprietary <Prtry>	[1..1]	Text		1734
	Identification <Id>	[1..1]	Text		1734

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		1734
Or}	Proprietary <Prtry>	[1..1]	Text		1734

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 2416

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 2454

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 2453

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		1735
Or}	Proprietary <Prtry>	[1..1]	Text		1735

29.1.1.3.1 Code <Cd>

Presence: [1..1]

Definition: Account type, in a coded form.

Datatype: "ExternalCashAccountType1Code" on page 2414

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 2454

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		1735
	SchemeName <SchmeNm>	[0..1]			1735
{Or	Code <Cd>	[1..1]	CodeSet		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736
	Issuer <Issr>	[0..1]	Text		1736

29.1.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max34Text" on page 2454

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		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736

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 2414

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 2454

29.1.1.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

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	1736
Or}	Other <Othr>	[1..1]	±		1737

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 2448

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 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1735
	SchemeName <SchmeNm>	[0..1]			1735
{Or	Code <Cd>	[1..1]	CodeSet		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736
	Issuer <Issr>	[0..1]	Text		1736

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]	±		1737
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1738

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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

29.1.3.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

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

Datatype: "[Max256Text](#)" on page 2453

29.1.3.2 KEK9

Definition: Key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1739
	KEKIdentification <KEKId>	[1..1]	±		1739
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1739
	Algorithm <Algo>	[1..1]	CodeSet		1740
	Parameter <Param>	[0..1]			1742
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1742
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1743
	BytePadding <BPddg>	[0..1]	CodeSet		1743
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1743

29.1.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "[KEKIdentifier7](#)" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1743
	KeyVersion <KeyVrsn>	[1..1]	Text		1744
	SequenceNumber <SeqNb>	[0..1]	Quantity		1744
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1744

29.1.3.2.3 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		1740
	Parameter <Param>	[0..1]			1742
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1742
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1743
	BytePadding <BPddg>	[0..1]	CodeSet		1743

29.1.3.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2393

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.

29.1.3.2.3.2 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		1742
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1743
	BytePadding <BPddg>	[0..1]	CodeSet		1743

29.1.3.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2413

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.

29.1.3.2.3.2.2 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2386

29.1.3.2.3.2.3 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 2403

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.

29.1.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2386

29.1.3.3 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		1743
	KeyVersion <KeyVrsn>	[1..1]	Text		1744
	SequenceNumber <SeqNb>	[0..1]	Quantity		1744
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1744

29.1.3.3.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 2452

29.1.3.3.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2452

29.1.3.3.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2449

29.1.3.3.4 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 2386

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]	±		1744
	Email <Email>	[0..1]	Text		1745
	URLAddress <URLAdr>	[0..1]	Text		1745
	Phone <Phne>	[0..1]	Text		1745
	CustomerService <CstmrSvc>	[0..1]	Text		1745
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1745

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 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2320
	Department <Dept>	[0..1]	Text		2320
	SubDepartment <SubDept>	[0..1]	Text		2320
	AddressLine <AdrLine>	[0..2]	Text		2320
	StreetName <StrtNm>	[0..1]	Text		2321
	BuildingNumber <BldgNb>	[0..1]	Text		2321
	PostCode <PstCd>	[0..1]	Text		2321
	TownName <TwnNm>	[0..1]	Text		2321
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2321
	CountryCode <CtryCd>	[0..1]	Text		2321

29.1.4.1.2 Email <Email>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "[Max256Text](#)" on page 2453

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 2453

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 2458

29.1.4.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "[PhoneNumber](#)" on page 2458

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 2453

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		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.5.1.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.5.1.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.5.1.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.5.1.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 1748 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1748
	Label <Lab>	[0..1]	Text		1748

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 1748 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1748
	Label <Labl>	[0..1]	Text		1748

29.1.5.1.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "[DetailedAmount4](#)" on page 1748 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1748
	Label <Labl>	[0..1]	Text		1748

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 1748 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1748
	Label <Labl>	[0..1]	Text		1748

29.1.5.2 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Currency <Ccy>	[1..1]	CodeSet	C1	1748
	Sign <Sgn>	[0..1]	Indicator		1748

29.1.5.2.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

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

29.1.5.2.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: [C1 "ActiveCurrency"](#)

Datatype: ["ActiveCurrencyCode" on page 2388](#)

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2449](#)):

- *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		1748
	Label <Labl>	[0..1]	Text		1748

29.1.5.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

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

29.1.5.3.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: ["Max140Text" on page 2452](#)

29.1.5.4 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1749
	OtherType <OthrTp>	[0..1]	Text		1749
	SubType <SubTp>	[0..1]	Text		1749
	Amount <Amt>	[0..1]	±		1749
	Percentage <Pctg>	[0..1]	Rate		1750

29.1.5.4.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "InstalmentAmountDetailsType1Code" on page 2418

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 2454

29.1.5.4.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 2454

29.1.5.4.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "[Amount5](#)" on page 1750 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1750
	Sign <Sgn>	[0..1]	Indicator		1750

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 2450

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		1750
	Sign <Sgn>	[0..1]	Indicator		1750

29.1.5.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

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

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 2449):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.6 Card Transaction

29.1.6.1 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1751
	UnitType <UnitTp>	[1..1]	CodeSet		1751
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1751

29.1.6.1.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 2455

29.1.6.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 2417

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.

29.1.6.1.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2454

29.1.6.2 CardPaymentTransaction149

Definition: Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

29.1.6.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.2.2 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.6.2.3 POIIdentification <POIID>

Presence: [0..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754

29.1.6.2.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: ["Max35Text"](#) on page 2454

29.1.6.2.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: ["PartyType35Code"](#) on page 2428

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

CodeName	Name	Definition
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

29.1.6.2.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

29.1.6.2.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.6.2.4 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.2.5 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2452

29.1.6.2.6 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 2406

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.

29.1.6.2.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.

CodeName	Name	Definition
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.6.2.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

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.

29.1.6.2.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 2405

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.

CodeName	Name	Definition
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.)

29.1.6.2.10 TransactionResult <TxRslt>

Presence: [0..1]

Definition: Result of the original transaction.

TransactionResult <TxRslt> contains the following **CardPaymentTransactionResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

29.1.6.2.10.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.6.2.10.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation from the acquirer.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759

29.1.6.2.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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

29.1.6.2.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2454

29.1.6.2.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.6.2.10.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Min6Max8Text" on page 2458

29.1.6.3 Instalment7

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		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

29.1.6.3.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 2419

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.

29.1.6.3.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 2454

29.1.6.3.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 2431

CodeName	Name	Definition
ACCP	Acceptor	Plan owner is an acceptor.
ACQR	Acquirer	Plan owner is an acquirer.
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

29.1.6.3.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 2449

29.1.6.3.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 2417

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.

CodeName	Name	Definition
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

29.1.6.3.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 2449

29.1.6.3.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 2449

29.1.6.3.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 2447

29.1.6.3.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C1 "ActiveCurrency", C5 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 2384

Constraints

- **ActiveCurrency**

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

- **CurrencyAmount**

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

Note: The decimal separator is a dot.

29.1.6.3.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.3.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.3.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.3.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.3.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 1749 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1749
	OtherType <OthrTp>	[0..1]	Text		1749
	SubType <SubTp>	[0..1]	Text		1749
	Amount <Amt>	[0..1]	±		1749
	Percentage <Pctg>	[0..1]	Rate		1750

29.1.6.3.15 InterestRate <IntrstRate>

Presence: [0..*]

Definition: Details of the interest rate.

InterestRate <IntrstRate> contains the following **InterestRateDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763

29.1.6.3.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 2419

CodeName	Name	Definition
GSRT	GrossRate	Gross interest rate of the instalment
NTRT	NetRate	Net interest rate of the instalment
OTHN	OtherNational	Other interest rate of the instalment
OTHP	OtherPrivate	Other interest rate of the instalment

29.1.6.3.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 2454

29.1.6.3.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 2419

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

29.1.6.3.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 2450

29.1.6.3.16 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod1](#)" on page 1750 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1751
	UnitType <UnitTp>	[1..1]	CodeSet		1751
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1751

29.1.6.3.17 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the InstalmentPlan.

PlanNotice <PlanNtce> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.4 CardPaymentDataSetTransaction57

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1769
	Traceability <Tracblt>	[0..*]	±		1769
	Environment <Envt>	[1..1]	±	C9	1770
	Transaction <Tx>	[1..1]			1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1779
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1780
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1780
	InterchangeData <IntrchnngData>	[0..1]	Text		1780
	TransactionDetails <TxDtls>	[1..1]			1780
	Currency <Ccy>	[0..1]	CodeSet	C1	1783
	TotalAmount <TtlAmt>	[1..1]	Amount		1783
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1783
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1783
	DetailedAmount <DtlAmt>	[0..1]	±		1783
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1784
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1784
	InvoiceAmount <InvAmt>	[0..1]	Amount		1784
	ValidityDate <VldtyDt>	[0..1]	Date		1784
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1784
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1785
	AccountType <AcctTp>	[0..1]	CodeSet		1785
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1786
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <ApblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1794
	Instalment <Instlmt>	[0..*]	±		1795
	Recurring <Rcrng>	[0..1]	±		1796
	AggregationTransaction <AggtnTx>	[0..1]	±		1797
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1797
	SaleItem <Saleitm>	[0..*]	±		1797

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1798
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1798
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1798
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1798
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1799
	AdditionalInformation <AddtlInf>	[0..*]			1799
	Identification <Id>	[1..1]	Text		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrtctdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1800
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1800
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1802
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	TransactionResponse <TxRspn>	[1..1]			1803
	AuthorisationResult <AuthstnRslt>	[1..1]			1806
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1806
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1807
	Response <Rspn>	[1..1]	CodeSet		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1807
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1807
	TMSTrigger <TMSTrggr>	[0..1]			1808
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProductCode <AllwdPdctCd>	[0..*]			1808
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1810
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1810
	AmountLimit <AmtLmt>	[0..1]	Amount		1810
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1810
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1810
	Balance <Bal>	[0..1]	±		1812
	ProtectedBalance <PrctdBal>	[0..1]	±		1812
	Action <Actn>	[0..*]			1813
	ActionType <ActnTp>	[1..1]	CodeSet		1813
	MessageToPresent <MsgToPres>	[0..1]	±		1814
	RemoteAccess <RmotAccs>	[0..1]	±		1815
	Retry <Rtry>	[0..1]	±		1815
	TimeCondition <TmCond>	[0..1]	±		1816
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1816
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1818
	TargetCurrency <TrgtCcy>	[1..1]			1818
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819
	ResultingAmount <RsltAmt>	[0..1]	Amount		1819
	ExchangeRate <XchgRate>	[1..1]	Rate		1819
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1819
	QuotationDate <QtnDt>	[0..1]	DateTime		1819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1819
	ValidUntil <VldUntil>	[0..1]	DateTime		1819
	SourceCurrency <SrcCcy>	[1..1]			1819
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <DcmI>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820
	ApplicableBinRange <AplblBinRg>	[0..*]			1820
	LowerBin <LwrBin>	[1..1]	Text		1821
	HigherBin <HghrBin>	[1..1]	Text		1821
	OriginalAmount <OrgnlAmt>	[0..1]			1821
	ActualAmount <ActlAmt>	[0..1]	Amount		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821
	CommissionDetails <ComssnDtls>	[0..*]			1822
	Amount <Amt>	[1..1]	Amount		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	MarkUpDetails <MrkUpDtls>	[0..*]			1822
	Rate <Rate>	[1..1]	Rate		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1822

29.1.6.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

29.1.6.4.3 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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.4.4 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction authorisation result.

Transaction <Tx> contains the following **CardPaymentTransaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1779
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1780
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1780
	InterchangeData <IntrchgData>	[0..1]	Text		1780
	TransactionDetails <TxDtls>	[1..1]			1780
	Currency <Ccy>	[0..1]	CodeSet	C1	1783
	TotalAmount <TtlAmt>	[1..1]	Amount		1783
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1783
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1783
	DetailedAmount <DtldAmt>	[0..1]	±		1783
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1784
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1784
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1784
	ValidityDate <VldtyDt>	[0..1]	Date		1784
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1784
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1785
	AccountType <AcctTp>	[0..1]	CodeSet		1785
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1786
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <AplblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1794
	Instalment <Instlmt>	[0..*]	±		1795
	Recurring <Rcrng>	[0..1]	±		1796
	AggregationTransaction <AggtTx>	[0..1]	±		1797
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1797
	SaleItem <Saleitm>	[0..*]	±		1797
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1798
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1798
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1798
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1798

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1799
	AdditionalInformation <AddtlInf>	[0..*]			1799
	Identification <Id>	[1..1]	Text		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrtctdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1800
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1800
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1802
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803

29.1.6.4.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.4.4.2 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.6.4.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.4.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2452

29.1.6.4.4.5 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 2454

29.1.6.4.4.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

29.1.6.4.4.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1783
	TotalAmount <TtlAmt>	[1..1]	Amount		1783
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1783
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1783
	DetailedAmount <DtldAmt>	[0..1]	±		1783
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1784
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1784
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1784
	ValidityDate <VldtyDt>	[0..1]	Date		1784
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1784
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1785
	AccountType <AcctTp>	[0..1]	CodeSet		1785
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1786
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <ApblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <DclrtDtls>	[0..*]	±		1794
	Instalment <Instlmt>	[0..*]	±		1795
	Recurring <Rcrng>	[0..1]	±		1796
	AggregationTransaction <AggtTx>	[0..1]	±		1797
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1797
	SaleItem <Saleitm>	[0..*]	±		1797
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1798
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1798
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1798
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1798
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1799
	AdditionalInformation <AddtlInf>	[0..*]			1799
	Identification <Id>	[1..1]	Text		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrctcdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1800

29.1.6.4.4.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.4.4.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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.

29.1.6.4.4.7.5 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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.6.4.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

29.1.6.4.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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

29.1.6.4.4.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

29.1.6.4.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.6.4.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1788
	Conversion <Convs>	[0..1]			1788
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <AplblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1794

29.1.6.4.4.7.13.1 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 2449):

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

29.1.6.4.4.7.13.2 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1790
	TargetCurrency <TrgtCcy>	[1..1]			1790
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1791
	ExchangeRate <XchgRate>	[1..1]	Rate		1791
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1791
	QuotationDate <QtnDt>	[0..1]	DateTime		1791
	ValidFrom <VldFr>	[0..1]	DateTime		1791
	ValidUntil <VldUntil>	[0..1]	DateTime		1791
	SourceCurrency <SrcCcy>	[1..1]			1791
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792
	ApplicableBinRange <AplblBinRg>	[0..*]			1792
	LowerBin <LwrBin>	[1..1]	Text		1793
	HigherBin <HghrBin>	[1..1]	Text		1793
	OriginalAmount <OrgnlAmt>	[0..1]			1793
	ActualAmount <ActlAmt>	[0..1]	Amount		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793
	CommissionDetails <ComssnDtls>	[0..*]			1794
	Amount <Amt>	[1..1]	Amount		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	MarkUpDetails <MrkUpDtls>	[0..*]			1794
	Rate <Rate>	[1..1]	Rate		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1794

29.1.6.4.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.4.4.7.13.2.2 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	1790
	NumericCode <NmrcCd>	[1..1]	Text		1790
	Decimal <Dcml>	[1..1]	Quantity		1790
	Name <Nm>	[0..1]	Text		1790

29.1.6.4.4.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.4.4.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.4.4.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.6.4.4.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.4.4.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.13.2.4 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 2450

29.1.6.4.4.7.13.2.5 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 2450

29.1.6.4.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.6.4.4.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.6.4.4.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.6.4.4.7.13.2.9 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	1792
	NumericCode <NmrcCd>	[0..1]	Text		1792
	Decimal <Dcml>	[0..1]	Quantity		1792
	Name <Nm>	[0..1]	Text		1792

29.1.6.4.4.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.4.4.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.4.4.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.6.4.4.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.4.4.7.13.2.10 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		1793
	HigherBin <HghrBin>	[1..1]	Text		1793

29.1.6.4.4.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.4.4.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.4.4.7.13.2.11 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		1793
	MinimumAmount <MinAmt>	[0..1]	Amount		1793
	MaximumAmount <MaxAmt>	[0..1]	Amount		1793

29.1.6.4.4.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.13.2.12 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		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794

29.1.6.4.4.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.6.4.4.7.13.2.13 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		1794
	AdditionalInformation <AddtlInf>	[0..1]	Text		1794

29.1.6.4.4.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.6.4.4.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.6.4.4.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.4.4.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

29.1.6.4.4.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

29.1.6.4.4.7.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.6.4.4.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

29.1.6.4.4.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

29.1.6.4.4.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.4.4.7.20 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 2450

29.1.6.4.4.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.6.4.4.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.6.4.4.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.4.7.24 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		1799
	Value <Val>	[0..1]	Binary		1799
	ProtectedValue <PrctcdVal>	[0..1]	±		1799
	Type <Tp>	[0..1]	Text		1800

29.1.6.4.4.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.6.4.4.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.6.4.4.7.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.4.4.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2451

29.1.6.4.4.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

29.1.6.4.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2456

29.1.6.4.4.9 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1802
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803

29.1.6.4.4.9.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

29.1.6.4.4.9.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.4.4.9.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.6.4.4.9.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.6.4.4.9.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.6.4.5 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the authorisation request from the acquirer.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction152** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			1806
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1806
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1807
	Response <Rspn>	[1..1]	CodeSet		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1807
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		1807
	TMSTrigger <TMSTrggr>	[0..1]			1808
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808
	AllowedProductCode <AllwdPdctCd>	[0..*]			1808
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1809
	ProductCode <PdctCd>	[1..1]	Text		1810
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1810
	AmountLimit <AmtLmt>	[0..1]	Amount		1810
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1810
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1810
	Balance <Bal>	[0..1]	±		1812
	ProtectedBalance <PrctcdBal>	[0..1]	±		1812
	Action <Actn>	[0..*]			1813
	ActionType <ActnTp>	[1..1]	CodeSet		1813
	MessageToPresent <MsgToPres>	[0..1]	±		1814
	RemoteAccess <RmotAccs>	[0..1]	±		1815
	Retry <Rtry>	[0..1]	±		1815

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		1816
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			1816
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1818
	TargetCurrency <TrgtCcy>	[1..1]			1818
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819
	ResultingAmount <RsltAmt>	[0..1]	Amount		1819
	ExchangeRate <XchgRate>	[1..1]	Rate		1819
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1819
	QuotationDate <QtnDt>	[0..1]	DateTime		1819
	ValidFrom <VldFr>	[0..1]	DateTime		1819
	ValidUntil <VldUntil>	[0..1]	DateTime		1819
	SourceCurrency <SrcCcy>	[1..1]			1819
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <Dcml>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820
	ApplicableBinRange <AplblBinRg>	[0..*]			1820
	LowerBin <LwrBin>	[1..1]	Text		1821
	HigherBin <HghrBin>	[1..1]	Text		1821
	OriginalAmount <OrgnlAmt>	[0..1]			1821
	ActualAmount <ActlAmt>	[0..1]	Amount		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821
	CommissionDetails <ComssnDtls>	[0..*]			1822
	Amount <Amt>	[1..1]	Amount		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	MarkUpDetails <MrkUpDtls>	[0..*]			1822
	Rate <Rate>	[1..1]	Rate		1822

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1822

29.1.6.4.5.1 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]	±		1806
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1807
	Response <Rspn>	[1..1]	CodeSet		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1807
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1807
	TMSTrigger <TMSTrggr>	[0..1]			1808
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808

29.1.6.4.5.1.1 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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.6.4.5.1.2 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		1807
	ResponseReason <RspnRsn>	[0..1]	Text		1807
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1807

29.1.6.4.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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).

29.1.6.4.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2454

29.1.6.4.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.6.4.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

29.1.6.4.5.1.4 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 2449):

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

29.1.6.4.5.1.5 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		1808
	TMSIdentification <TMSId>	[0..1]	Text		1808
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1808

29.1.6.4.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 2441

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.

29.1.6.4.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 2454

29.1.6.4.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime"](#) on page 2447

29.1.6.4.5.2 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		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809

29.1.6.4.5.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.3 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		1809
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1809

29.1.6.4.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.4 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		1810
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1810
	AmountLimit <AmtLmt>	[0..1]	Amount		1810
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1810
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1810

29.1.6.4.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.6.4.5.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2449

29.1.6.4.5.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2444

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.

29.1.6.4.5.5 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 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Currency <Ccy>	[1..1]	CodeSet	C1	1748
	Sign <Sgn>	[0..1]	Indicator		1748

29.1.6.4.5.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.6.4.5.7 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1813
	MessageToPresent <MsgToPres>	[0..1]	±		1814
	RemoteAccess <RmotAccs>	[0..1]	±		1815
	Retry <Rtry>	[0..1]	±		1815
	TimeCondition <TmCond>	[0..1]	±		1816

29.1.6.4.5.7.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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.

29.1.6.4.5.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.4.5.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.6.4.5.7.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.6.4.5.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.6.4.5.8 CurrencyConversionEligibility <CcyConvslgblty>

Presence: [0..1]

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

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1818
	TargetCurrency <TrgtCcy>	[1..1]			1818
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819
	ResultingAmount <RsltAmt>	[0..1]	Amount		1819
	ExchangeRate <XchgRate>	[1..1]	Rate		1819
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1819
	QuotationDate <QtnDt>	[0..1]	DateTime		1819
	ValidFrom <VldFr>	[0..1]	DateTime		1819
	ValidUntil <VldUntil>	[0..1]	DateTime		1819
	SourceCurrency <SrcCcy>	[1..1]			1819
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <Dcml>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820
	ApplicableBinRange <AplblBinRg>	[0..*]			1820
	LowerBin <LwrBin>	[1..1]	Text		1821
	HigherBin <HghrBin>	[1..1]	Text		1821
	OriginalAmount <OrgnlAmt>	[0..1]			1821
	ActualAmount <ActlAmt>	[0..1]	Amount		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821
	CommissionDetails <ComssnDtls>	[0..*]			1822
	Amount <Amt>	[1..1]	Amount		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822
	MarkUpDetails <MrkUpDtls>	[0..*]			1822
	Rate <Rate>	[1..1]	Rate		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1822

29.1.6.4.5.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.4.5.8.2 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	1818
	NumericCode <NmrcCd>	[1..1]	Text		1818
	Decimal <Dcml>	[1..1]	Quantity		1818
	Name <Nm>	[0..1]	Text		1819

29.1.6.4.5.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.4.5.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.4.5.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.6.4.5.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.4.5.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.8.4 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 2450

29.1.6.4.5.8.5 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 2450

29.1.6.4.5.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.6.4.5.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.6.4.5.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.6.4.5.8.9 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	1820
	NumericCode <NmrcCd>	[0..1]	Text		1820
	Decimal <Dcml>	[0..1]	Quantity		1820
	Name <Nm>	[0..1]	Text		1820

29.1.6.4.5.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.4.5.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.4.5.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.6.4.5.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.4.5.8.10 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		1821
	HigherBin <HghrBin>	[1..1]	Text		1821

29.1.6.4.5.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.4.5.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.4.5.8.11 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		1821
	MinimumAmount <MinAmt>	[0..1]	Amount		1821
	MaximumAmount <MaxAmt>	[0..1]	Amount		1821

29.1.6.4.5.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.8.12 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		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822

29.1.6.4.5.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.4.5.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.6.4.5.8.13 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		1822
	AdditionalInformation <AddtlInf>	[0..1]	Text		1822

29.1.6.4.5.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.6.4.5.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.6.4.5.8.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.5 CardPaymentDataSetTransaction56

Definition: Card payment transaction to be authorised in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1830
	Traceability <Tracblt>	[0..*]	±		1830
	Environment <Envt>	[1..1]	±	C9	1830
	Context <Cntxt>	[0..1]		C10	1836
	PaymentContext <PmtCntxt>	[0..1]			1839
	CardPresent <CardPres>	[0..1]	Indicator		1839
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1839
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1840
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1840
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1840
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1840
	BusinessArea <BizArea>	[0..1]	CodeSet		1841
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1841
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1841
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1842
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1842
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1843
	SaleContext <SaleCntxt>	[0..1]			1843
	SaleIdentification <SaleId>	[0..1]	Text		1844
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1844
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1845
	CashierIdentification <CshrlId>	[0..1]	Text		1845
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1845
	ShiftNumber <ShftNb>	[0..1]	Text		1845
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1845
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1845
	InvoiceNumber <InvcNb>	[0..1]	Text		1845
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1846
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1846
	CommonName <CmonNm>	[1..1]	Text		1846
	Address <Adr>	[0..1]	Text		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1846
	SplitPayment <SpltPmt>	[0..1]	Indicator		1847
	RemainingAmount <RmngAmt>	[0..1]	Amount		1847
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1847
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1847
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1847
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1848
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1848
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1848
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1849
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1849
	SystemToNotify <SysToNtfy>	[0..1]	Text		1849
	Debtor <Dbtr>	[0..1]	±		1850
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1851
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1851
	Creditor <Cdtr>	[0..1]	±		1851
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1852
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1853
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1853
	Debtor <Dbtr>	[0..1]	±		1854
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1855
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1856
	Creditor <Cdtr>	[0..1]	±		1856
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1857
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1858
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1858
	MandateIdentification <MndtId>	[1..1]	Text		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859
	MandateImage <MndtImg>	[0..1]	Binary		1859

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1859
	Transaction <Tx>	[1..1]			1859
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1864
	TransactionType <TxTp>	[0..1]	CodeSet		1864
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1865
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1865
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1866
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1866
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1866
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1866
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1867
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1867
	TransactionIdentification <TxId>	[1..1]	±		1867
	OriginalTransaction <OrgnlTx>	[0..1]	±		1867
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1868
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1868
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1869
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1869
	TransactionDetails <TxDtls>	[1..1]			1869
	Currency <Ccy>	[0..1]	CodeSet	C1	1872
	TotalAmount <TtlAmt>	[1..1]	Amount		1872
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1872
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1872
	DetailedAmount <DtldAmt>	[0..1]	±		1872
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1873
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1873
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1873
	ValidityDate <VldtyDt>	[0..1]	Date		1873
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1873
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1874
	AccountType <AcctTp>	[0..1]	CodeSet		1874

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1875
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1877
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <ApplBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	MarkUpDetails <MrkUpDtls>	[0..*]			1883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883
	Instalment <Instlmt>	[0..*]	±		1884
	Recurring <Rcrng>	[0..1]	±		1885
	AggregationTransaction <AggtnTx>	[0..1]	±		1886
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1886
	SaleItem <SaleItm>	[0..*]	±		1886
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1887
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1887
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1887
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1887
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1888
	AdditionalInformation <AddtlInf>	[0..*]			1888
	Identification <Id>	[1..1]	Text		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrctdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1889
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1889
	AccountFrom <AcctFr>	[0..1]			1889
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1890
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1891
	AccountName <AcctNm>	[0..1]	Text		1891
	AccountOwner <AcctOwnr>	[0..1]			1892
	Name <Nm>	[1..1]	Text		1892
	Address <Adr>	[1..1]	±		1892
	Currency <Ccy>	[0..1]	CodeSet	C1	1892
	AccountIdentifier <AcctIdr>	[0..1]			1893
{Or	Card <Card>	[1..1]	Text		1893
Or	MSISDN <MSISDN>	[1..1]	Text		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894
	Servicer <Svcr>	[0..1]			1894
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895
	AccountTo <AcctTo>	[0..1]			1895
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1896
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1897
	AccountName <AcctNm>	[0..1]	Text		1897
	AccountOwner <AcctOwnr>	[0..1]			1898
	Name <Nm>	[1..1]	Text		1898
	Address <Adr>	[1..1]	±		1898
	Currency <Ccy>	[0..1]	CodeSet	C1	1898
	AccountIdentifier <AcctIdr>	[0..1]			1899
{Or	Card <Card>	[1..1]	Text		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900
	Servicer <Svcr>	[0..1]			1900
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1901
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1901

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1902
	MessageToPresent <MsgToPres>	[0..1]	±		1903
	RemoteAccess <RmotAccs>	[0..1]	±		1904
	Retry <Rtry>	[0..1]	±		1904
	TimeCondition <TmCond>	[0..1]	±		1904

29.1.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

29.1.6.5.3 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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1839
	CardPresent <CardPres>	[0..1]	Indicator		1839
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1839
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1840
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1840
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1840
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1840
	BusinessArea <BizArea>	[0..1]	CodeSet		1841
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1841
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1841
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1842
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1842
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1843
	SaleContext <SaleCntxt>	[0..1]			1843
	SaleIdentification <SaleId>	[0..1]	Text		1844
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1844
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1845
	CashierIdentification <CshrlId>	[0..1]	Text		1845
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1845
	ShiftNumber <ShftNb>	[0..1]	Text		1845
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1845
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1845
	InvoiceNumber <InvNb>	[0..1]	Text		1845
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1846
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1846
	CommonName <CmonNm>	[1..1]	Text		1846
	Address <Adr>	[0..1]	Text		1846
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1846
	SplitPayment <Spltpmt>	[0..1]	Indicator		1847

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1847
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1847
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1847
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1847
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1848
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1848
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1848
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1849
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1849
	SystemToNotify <SysToNtfy>	[0..1]	Text		1849
	Debtor <Dbtr>	[0..1]	±		1850
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1851
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1851
	Creditor <Cdtr>	[0..1]	±		1851
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1852
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1853
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1853
	Debtor <Dbtr>	[0..1]	±		1854
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1855
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1856
	Creditor <Cdtr>	[0..1]	±		1856
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1857
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1858
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1858
	MandateIdentification <MndtId>	[1..1]	Text		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859
	MandateImage <MndtImg>	[0..1]	Binary		1859
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1859

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		1839
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1839
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1840
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1840
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1840
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1840
	BusinessArea <BizArea>	[0..1]	CodeSet		1841
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1841
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1841
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1842
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1842
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1843

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 2449):

- *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 2449):

- *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 2449):

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

29.1.6.5.4.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2398

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 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2405

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 2441

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		1844
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1844
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1845
	CashierIdentification <CshrId>	[0..1]	Text		1845
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1845
	ShiftNumber <ShiftNb>	[0..1]	Text		1845
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1845
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1845
	InvoiceNumber <InvNb>	[0..1]	Text		1845
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1846
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1846
	CommonName <CmonNm>	[1..1]	Text		1846
	Address <Adr>	[0..1]	Text		1846
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1846
	SplitPayment <SplitPmt>	[0..1]	Indicator		1847
	RemainingAmount <RmngAmt>	[0..1]	Amount		1847
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1847
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1847
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1847
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1848
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1848

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 2454

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 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

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

29.1.6.5.4.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2454

29.1.6.5.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1846
	Address <Adr>	[0..1]	Text		1846
	CountryCode <CtryCd>	[1..1]	CodeSet		1846
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1846
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1846

29.1.6.5.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

29.1.6.5.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

29.1.6.5.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1849
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1849
	SystemToNotify <SysToNtfy>	[0..1]	Text		1849
	Debtor <Dbtr>	[0..1]	±		1850
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1851
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1851
	Creditor <Cdtr>	[0..1]	±		1851
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1852
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1853

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1854
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1855
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1856
	Creditor <Cdtr>	[0..1]	±		1856
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1857
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1858
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1858
	MandateIdentification <MndtId>	[1..1]	Text		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859
	MandateImage <MndtImg>	[0..1]	Binary		1859
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1859

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </ssr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </ssr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1859
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1859
	MandateImage <MndtImg>	[0..1]	Binary		1859
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1859

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 2454

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 2447

29.1.6.5.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.5.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction to authorise.

Transaction <Tx> contains the following **CardPaymentTransaction146** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1864
	TransactionType <TxTp>	[0..1]	CodeSet		1864
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1865
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1865
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1866
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1866
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1866
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1866
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1867
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1867
	TransactionIdentification <TxId>	[1..1]	±		1867
	OriginalTransaction <OrgnlTx>	[0..1]	±		1867
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1868
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1868
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1869
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1869
	TransactionDetails <TxDtls>	[1..1]			1869
	Currency <Ccy>	[0..1]	CodeSet	C1	1872
	TotalAmount <TtlAmt>	[1..1]	Amount		1872
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1872
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1872
	DetailedAmount <DtldAmt>	[0..1]	±		1872
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1873
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1873
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1873
	ValidityDate <VldtyDt>	[0..1]	Date		1873
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1873
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1874
	AccountType <AcctTp>	[0..1]	CodeSet		1874
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1875
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1877

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <AplblBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	MarkUpDetails <MrkUpDtls>	[0..*]			1883
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883
	Instalment <Instlmt>	[0..*]	±		1884
	Recurring <Rcrng>	[0..1]	±		1885
	AggregationTransaction <AggtnTx>	[0..1]	±		1886
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1886
	SaleItem <Saleitm>	[0..*]	±		1886
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1887
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1887
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1887
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1887
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1888
	AdditionalInformation <AddtlInf>	[0..*]			1888
	Identification <Id>	[1..1]	Text		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrtctdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1889
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1889
	AccountFrom <AcctFr>	[0..1]			1889
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1890
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1891
	AccountName <AcctNm>	[0..1]	Text		1891
	AccountOwner <AcctOwnr>	[0..1]			1892
	Name <Nm>	[1..1]	Text		1892
	Address <Adr>	[1..1]	±		1892
	Currency <Ccy>	[0..1]	CodeSet	C1	1892
	AccountIdentifier <AcctIdr>	[0..1]			1893
{Or	Card <Card>	[1..1]	Text		1893
Or	MSISDN <MSISDN>	[1..1]	Text		1893
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894
	Servicer <Svcr>	[0..1]			1894
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895
	AccountTo <AcctTo>	[0..1]			1895
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1896
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1897
	AccountName <AcctNm>	[0..1]	Text		1897
	AccountOwner <AcctOwnr>	[0..1]			1898
	Name <Nm>	[1..1]	Text		1898
	Address <Adr>	[1..1]	±		1898
	Currency <Ccy>	[0..1]	CodeSet	C1	1898
	AccountIdentifier <AcctIdr>	[0..1]			1899
{Or	Card <Card>	[1..1]	Text		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900
	Servicer <Svcr>	[0..1]			1900
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1901
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1901
	ActionType <ActnTp>	[1..1]	CodeSet		1902
	MessageToPresent <MsgToPres>	[0..1]	±		1903

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemoteAccess <RmotAccs>	[0..1]	±		1904
	Retry <Rtry>	[0..1]	±		1904
	TimeCondition <TmCond>	[0..1]	±		1904

29.1.6.5.5.1 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 2449):

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

29.1.6.5.5.2 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 2406

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.

CodeName	Name	Definition
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.

29.1.6.5.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

29.1.6.5.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.

CodeName	Name	Definition
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.

29.1.6.5.5.5 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 2449):

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

29.1.6.5.5.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: ["Min3Max4Text"](#) on page 2457

29.1.6.5.5.7 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2449):

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

29.1.6.5.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: ["Max35Text"](#) on page 2454

29.1.6.5.5.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.5.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.5.5.11 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.6.5.5.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction149" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification <Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer <Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

29.1.6.5.5.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.5.5.14 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 2454

29.1.6.5.5.15 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 2452

29.1.6.5.5.16 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 2452

29.1.6.5.5.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1872
	TotalAmount <TtlAmt>	[1..1]	Amount		1872
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1872
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1872
	DetailedAmount <DtldAmt>	[0..1]	±		1872
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1873
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1873
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1873
	ValidityDate <VldtyDt>	[0..1]	Date		1873
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1873
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1874
	AccountType <AcctTp>	[0..1]	CodeSet		1874
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1875
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1877
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <ApblBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	MarkUpDetails <MrkUpDtls>	[0..*]			1883
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtDtls>	[0..*]	±		1883
	Instalment <Instlmt>	[0..*]	±		1884
	Recurring <Rcrng>	[0..1]	±		1885
	AggregationTransaction <AggtTx>	[0..1]	±		1886
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1886
	SaleItem <Saleitm>	[0..*]	±		1886
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1887
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1887
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1887
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1887
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1888
	AdditionalInformation <AddtlInf>	[0..*]			1888
	Identification <Id>	[1..1]	Text		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrctdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1889

29.1.6.5.5.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.5.5.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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.

29.1.6.5.5.17.5 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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.6.5.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

29.1.6.5.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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

29.1.6.5.5.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

29.1.6.5.5.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.6.5.5.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1877
	Conversion <Convs>	[0..1]			1877
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <AplblBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	MarkUpDetails <MrkUpDtls>	[0..*]			1883

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1883

29.1.6.5.5.17.13.1 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 2449):

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

29.1.6.5.5.17.13.2 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1879
	TargetCurrency <TrgtCcy>	[1..1]			1879
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1880
	ExchangeRate <XchgRate>	[1..1]	Rate		1880
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1880
	QuotationDate <QtnDt>	[0..1]	DateTime		1880
	ValidFrom <VldFr>	[0..1]	DateTime		1880
	ValidUntil <VldUntil>	[0..1]	DateTime		1880
	SourceCurrency <SrcCcy>	[1..1]			1880
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881
	ApplicableBinRange <AplblBinRg>	[0..*]			1881
	LowerBin <LwrBin>	[1..1]	Text		1882
	HigherBin <HghrBin>	[1..1]	Text		1882
	OriginalAmount <OrgnlAmt>	[0..1]			1882
	ActualAmount <ActlAmt>	[0..1]	Amount		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882
	CommissionDetails <ComssnDtls>	[0..*]			1883
	Amount <Amt>	[1..1]	Amount		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	MarkUpDetails <MrkUpDtls>	[0..*]			1883
	Rate <Rate>	[1..1]	Rate		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883
	DeclarationDetails <DclrtDtls>	[0..*]	±		1883

29.1.6.5.5.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.5.5.17.13.2.2 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	1879
	NumericCode <NmrcCd>	[1..1]	Text		1879
	Decimal <Dcml>	[1..1]	Quantity		1879
	Name <Nm>	[0..1]	Text		1879

29.1.6.5.5.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.5.5.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.5.5.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.6.5.5.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.5.5.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.13.2.4 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 2450

29.1.6.5.5.17.13.2.5 InvertedExchangeRate <NvtrdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2450

29.1.6.5.5.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.6.5.5.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.6.5.5.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.6.5.5.17.13.2.9 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	1881
	NumericCode <NmrcCd>	[0..1]	Text		1881
	Decimal <Dcml>	[0..1]	Quantity		1881
	Name <Nm>	[0..1]	Text		1881

29.1.6.5.5.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.6.5.5.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.6.5.5.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.6.5.5.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.6.5.5.17.13.2.10 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		1882
	HigherBin <HghrBin>	[1..1]	Text		1882

29.1.6.5.5.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.5.5.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.6.5.5.17.13.2.11 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		1882
	MinimumAmount <MinAmt>	[0..1]	Amount		1882
	MaximumAmount <MaxAmt>	[0..1]	Amount		1882

29.1.6.5.5.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.13.2.12 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		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883

29.1.6.5.5.17.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.6.5.5.17.13.2.13 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		1883
	AdditionalInformation <AddtlInf>	[0..1]	Text		1883

29.1.6.5.5.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.6.5.5.17.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.6.5.5.17.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.5.5.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

29.1.6.5.5.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

29.1.6.5.5.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.6.5.5.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

29.1.6.5.5.17.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

29.1.6.5.5.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.5.5.17.20 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 2450

29.1.6.5.5.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.6.5.5.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.6.5.5.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.5.5.17.24 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		1888
	Value <Val>	[0..1]	Binary		1888
	ProtectedValue <PrctcdVal>	[0..1]	±		1888
	Type <Tp>	[0..1]	Text		1889

29.1.6.5.5.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.6.5.5.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.6.5.5.17.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.5.5.17.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2451

29.1.6.5.5.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

29.1.6.5.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 2456

29.1.6.5.5.19 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		1890
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1891
	AccountName <AcctNm>	[0..1]	Text		1891
	AccountOwner <AcctOwnr>	[0..1]			1892
	Name <Nm>	[1..1]	Text		1892
	Address <Adr>	[1..1]	±		1892
	Currency <Ccy>	[0..1]	CodeSet	C1	1892
	AccountIdentifier <AcctIdr>	[0..1]			1893
{Or	Card <Card>	[1..1]	Text		1893
Or	MSISDN <MSISDN>	[1..1]	Text		1893
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894
	Servicer <Svcr>	[0..1]			1894
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895

29.1.6.5.5.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 2387

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.

29.1.6.5.5.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.6.5.5.19.3 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 2456

29.1.6.5.5.19.4 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		1892
	Address <Adr>	[1..1]	±		1892

29.1.6.5.5.19.4.1 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 2456

29.1.6.5.5.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

29.1.6.5.5.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

• ActiveCurrency

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

29.1.6.5.5.19.6 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		1893
Or	MSISDN <MSISDN>	[1..1]	Text		1893
Or	EMail <EMail>	[1..1]	Text		1893
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1893
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1894
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1894
Or	Domestic <Dmst>	[1..1]	Text		1894
Or}	Other <Othr>	[1..1]	Text		1894

29.1.6.5.5.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

29.1.6.5.5.19.6.2 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 2452

29.1.6.5.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

29.1.6.5.5.19.6.4 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 2448

Constraints

- **IBAN**

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

29.1.6.5.5.19.6.5 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 2448

29.1.6.5.5.19.6.6 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 2449

29.1.6.5.5.19.6.7 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 2454

29.1.6.5.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

29.1.6.5.5.19.7 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	1895
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1895

29.1.6.5.5.19.7.1 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 2447

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.

29.1.6.5.5.19.7.2 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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

29.1.6.5.5.20 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		1896
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1897
	AccountName <AcctNm>	[0..1]	Text		1897
	AccountOwner <AcctOwnr>	[0..1]			1898
	Name <Nm>	[1..1]	Text		1898
	Address <Adr>	[1..1]	±		1898
	Currency <Ccy>	[0..1]	CodeSet	C1	1898
	AccountIdentifier <AcctIdr>	[0..1]			1899
{Or	Card <Card>	[1..1]	Text		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900
	Servicer <Svcr>	[0..1]			1900
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901

29.1.6.5.5.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 2387

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.

29.1.6.5.5.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.6.5.5.20.3 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 2456

29.1.6.5.5.20.4 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		1898
	Address <Adr>	[1..1]	±		1898

29.1.6.5.5.20.4.1 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 2456

29.1.6.5.5.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

29.1.6.5.5.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

• ActiveCurrency

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

29.1.6.5.5.20.6 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		1899
Or	MSISDN <MSISDN>	[1..1]	Text		1899
Or	EMail <EMail>	[1..1]	Text		1899
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1899
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1900
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1900
Or	Domestic <Dmst>	[1..1]	Text		1900
Or}	Other <Othr>	[1..1]	Text		1900

29.1.6.5.5.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2458

29.1.6.5.5.20.6.2 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 2452

29.1.6.5.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

29.1.6.5.5.20.6.4 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 2448

Constraints

- **IBAN**

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

29.1.6.5.5.20.6.5 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 2448

29.1.6.5.5.20.6.6 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 2449

29.1.6.5.5.20.6.7 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 2454

29.1.6.5.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

29.1.6.5.5.20.7 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	1901
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1901

29.1.6.5.5.20.7.1 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 2447

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.

29.1.6.5.5.20.7.2 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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

29.1.6.5.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

29.1.6.5.5.22 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1902
	MessageToPresent <MsgToPres>	[0..1]	±		1903
	RemoteAccess <RmotAccs>	[0..1]	±		1904
	Retry <Rtry>	[0..1]	±		1904
	TimeCondition <TmCond>	[0..1]	±		1904

29.1.6.5.5.22.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

29.1.6.5.5.22.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.5.5.22.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.6.5.5.22.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.6.5.5.22.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.6.6 CardPaymentDataSetTransaction55

Definition: Completed card payment transaction to be captured in batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1912
	Traceability <Tracblt>	[0..*]	±		1912
	Environment <Envt>	[1..1]	±	C9	1913
	Context <Cntxt>	[0..1]		C10	1919
	PaymentContext <PmtCntxt>	[0..1]			1922
	CardPresent <CardPres>	[0..1]	Indicator		1922
	CardholderPresent <CrhldrPres>	[0..1]	Indicator		1922
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1923
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1923
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1923
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1923
	BusinessArea <BizArea>	[0..1]	CodeSet		1924
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1924
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1924
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1925
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1925
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1926
	SaleContext <SaleCntxt>	[0..1]			1926
	SaleIdentification <SaleId>	[0..1]	Text		1927
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1927
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1928
	CashierIdentification <CshrId>	[0..1]	Text		1928
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1928
	ShiftNumber <ShftNb>	[0..1]	Text		1928
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1928
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1928
	InvoiceNumber <InvcNb>	[0..1]	Text		1928
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1929
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1929
	CommonName <CmonNm>	[1..1]	Text		1929
	Address <Adr>	[0..1]	Text		1929

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1929
	SplitPayment <SpltPmt>	[0..1]	Indicator		1930
	RemainingAmount <RmngAmt>	[0..1]	Amount		1930
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1930
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1930
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1930
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1931
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1931
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1931
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1932
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1932
	SystemToNotify <SysToNtfy>	[0..1]	Text		1932
	Debtor <Dbtr>	[0..1]	±		1933
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1934
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1934
	Creditor <Cdtr>	[0..1]	±		1934
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1935
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1936
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1936
	Debtor <Dbtr>	[0..1]	±		1937
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1938
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1939
	Creditor <Cdtr>	[0..1]	±		1939
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1940
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1941
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1941
	MandateIdentification <MndtId>	[1..1]	Text		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942
	MandateImage <MndtImg>	[0..1]	Binary		1942

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1942
	Transaction <Tx>	[1..1]			1942
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1947
	TransactionType <TxTp>	[0..1]	CodeSet		1947
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1948
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1949
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1949
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1949
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1950
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1950
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1950
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1950
	TransactionIdentification <TxId>	[1..1]	±		1950
	OriginalTransaction <OrgnlTx>	[0..1]	±		1950
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1951
	Reversal <Rvsl>	[0..1]	Indicator		1951
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1952
	FailureReason <FailrRsn>	[0..*]	CodeSet		1952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1953
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1953
	InterchangeData <IntrchnngData>	[0..1]	Text		1953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1953
	TransactionDetails <TxDtls>	[1..1]			1953
	Currency <Ccy>	[0..1]	CodeSet	C1	1956
	TotalAmount <TtlAmt>	[1..1]	Amount		1956
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1956
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1956
	DetailedAmount <DtldAmt>	[0..1]	±		1956
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1957

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1957
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1957
	ValidityDate <VldtyDt>	[0..1]	Date		1957
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1957
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1958
	AccountType <AcctTp>	[0..1]	CodeSet		1958
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1959
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <ApplBinRng>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966
	ActualAmount <ActlAmt>	[0..1]	Amount		1966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtDtls>	[0..*]	±		1967
	Instalment <Instlmt>	[0..*]	±		1968
	Recurring <Rcrng>	[0..1]	±		1969
	AggregationTransaction <AggtnTx>	[0..1]	±		1970
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1970
	SaleItem <Saleitm>	[0..*]	±		1970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1971
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1971
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1971
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1972
	AdditionalInformation <AddtlInf>	[0..*]			1972
	Identification <Id>	[1..1]	Text		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctcdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1973
	AuthorisationResult <AuthstnRslt>	[0..1]			1973
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1973
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1974
	Response <Rspn>	[1..1]	CodeSet		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1975
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1975
	AccountFrom <AcctFr>	[0..1]			1975
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1976
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1977
	AccountName <AcctNm>	[0..1]	Text		1977
	AccountOwner <AcctOwnr>	[0..1]			1978
	Name <Nm>	[1..1]	Text		1978
	Address <Adr>	[1..1]	±		1978
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	AccountIdentifier <AcctIdr>	[0..1]			1979
{Or	Card <Card>	[1..1]	Text		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980
	Servicer <Svcr>	[0..1]			1980
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981
	AccountTo <AcctTo>	[0..1]			1981
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1982
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1983
	AccountName <AcctNm>	[0..1]	Text		1983
	AccountOwner <AcctOwnr>	[0..1]			1984
	Name <Nm>	[1..1]	Text		1984
	Address <Adr>	[1..1]	±		1984
	Currency <Ccy>	[0..1]	CodeSet	C1	1984
	AccountIdentifier <AcctIdr>	[0..1]			1985

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986
	Servicer <Svcr>	[0..1]			1986
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1987
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1987
	ActionType <ActnTp>	[1..1]	CodeSet		1988
	MessageToPresent <MsgToPres>	[0..1]	±		1989
	RemoteAccess <RmotAccs>	[0..1]	±		1990
	Retry <Rtry>	[0..1]	±		1990
	TimeCondition <TmCond>	[0..1]	±		1990

29.1.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

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 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LltyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

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]			1922
	CardPresent <CardPres>	[0..1]	Indicator		1922
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1922
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1923
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1923
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1923
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1923
	BusinessArea <BizArea>	[0..1]	CodeSet		1924
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1924
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1924
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1925
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1925
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1926
	SaleContext <SaleCntxt>	[0..1]			1926
	SaleIdentification <SaleId>	[0..1]	Text		1927
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1927
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1928
	CashierIdentification <CshrlId>	[0..1]	Text		1928
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1928
	ShiftNumber <ShftNb>	[0..1]	Text		1928
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1928
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1928
	InvoiceNumber <InvNb>	[0..1]	Text		1928
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1929
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1929
	CommonName <CmonNm>	[1..1]	Text		1929
	Address <Adr>	[0..1]	Text		1929
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1929
	SplitPayment <SpltPmt>	[0..1]	Indicator		1930

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1930
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1930
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1930
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1930
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1931
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1931
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1931
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1932
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1932
	SystemToNotify <SysToNtfy>	[0..1]	Text		1932
	Debtor <Dbtr>	[0..1]	±		1933
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1934
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1934
	Creditor <Cdtr>	[0..1]	±		1934
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1935
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1936
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1936
	Debtor <Dbtr>	[0..1]	±		1937
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1938
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1939
	Creditor <Cdtr>	[0..1]	±		1939
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1940
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1941
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1941
	MandateIdentification <MndtId>	[1..1]	Text		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942
	MandateImage <MndtImg>	[0..1]	Binary		1942
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1942

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		1922
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1922
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1923
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1923
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1923
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1923
	BusinessArea <BizArea>	[0..1]	CodeSet		1924
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1924
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1924
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1925
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1925
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1926

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 2449):

- *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 2449):

- *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 2449):

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

29.1.6.6.4.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2398

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 <TxEnvt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2443

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 2442

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 2402

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 2449):

- *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 2420

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 2405

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 <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2405

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 2441

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		1927
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1927
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1928
	CashierIdentification <CshrId>	[0..1]	Text		1928
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1928
	ShiftNumber <ShiftNb>	[0..1]	Text		1928
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1928
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1928
	InvoiceNumber <InvNb>	[0..1]	Text		1928
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1929
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1929
	CommonName <CmonNm>	[1..1]	Text		1929
	Address <Adr>	[0..1]	Text		1929
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1929
	SplitPayment <SplitPmt>	[0..1]	Indicator		1930
	RemainingAmount <RmngAmt>	[0..1]	Amount		1930
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1930
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1930
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1930
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1931
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1931

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 2454

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 2454

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 2454

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 2454

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 2420

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 2453

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 2449):

- *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 2454

29.1.6.6.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

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 2454

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		1929
	Address <Adr>	[0..1]	Text		1929
	CountryCode <CtryCd>	[1..1]	CodeSet		1929
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1929
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1929

29.1.6.6.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

29.1.6.6.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

29.1.6.6.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

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 2457

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 2454

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 2449):

- *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 2384

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 2449):

- *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 2449):

- *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 2405

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 2439

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 2456

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		1932
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1932
	SystemToNotify <SysToNtfy>	[0..1]	Text		1932
	Debtor <Dbtr>	[0..1]	±		1933
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1934
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1934
	Creditor <Cdtr>	[0..1]	±		1934
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1935
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1936

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 2449):

- *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 2449):

- *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 2451

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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]	±		1937
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1938
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1939
	Creditor <Cdtr>	[0..1]	±		1939
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1940
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1941
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1941
	MandateIdentification <MndtId>	[1..1]	Text		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942
	MandateImage <MndtImg>	[0..1]	Binary		1942
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1942

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </ssr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </ssr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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		1942
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1942
	MandateImage <MndtImg>	[0..1]	Binary		1942
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1942

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 2454

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 2447

29.1.6.6.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.6.5 Transaction <Tx>

Presence: [1..1]

Definition: Transaction information to be captured.

Transaction <Tx> contains the following **CardPaymentTransaction147** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1947
	TransactionType <TxTp>	[0..1]	CodeSet		1947
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1948
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1949
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1949
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1949
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1950
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1950
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1950
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1950
	TransactionIdentification <TxId>	[1..1]	±		1950
	OriginalTransaction <OrgnlTx>	[0..1]	±		1950
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1951
	Reversal <Rvs/>	[0..1]	Indicator		1951
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1952
	FailureReason <FailrRsn>	[0..*]	CodeSet		1952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1953
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1953
	InterchangeData <IntrchgData>	[0..1]	Text		1953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1953
	TransactionDetails <TxDtls>	[1..1]			1953
	Currency <Ccy>	[0..1]	CodeSet	C1	1956
	TotalAmount <TtlAmt>	[1..1]	Amount		1956
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1956
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1956
	DetailedAmount <DtldAmt>	[0..1]	±		1956
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1957
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1957
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1957

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1957
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1957
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1958
	AccountType <AcctTp>	[0..1]	CodeSet		1958
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1959
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <AplblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1967
	Instalment <Instlmt>	[0..*]	±		1968
	Recurring <Rcrng>	[0..1]	±		1969
	AggregationTransaction <AggtTx>	[0..1]	±		1970
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1970
	SaleItem <Saleitm>	[0..*]	±		1970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1971
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1971
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1971
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1972
	AdditionalInformation <AddtlInf>	[0..*]			1972
	Identification <Id>	[1..1]	Text		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctcdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1973
	AuthorisationResult <AuthstnRslt>	[0..1]			1973
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1973
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1974
	Response <Rspn>	[1..1]	CodeSet		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1975
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1975

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1975
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1976
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1977
	AccountName <AcctNm>	[0..1]	Text		1977
	AccountOwner <AcctOwnr>	[0..1]			1978
	Name <Nm>	[1..1]	Text		1978
	Address <Adr>	[1..1]	±		1978
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	AccountIdentifier <AcctIdr>	[0..1]			1979
{Or	Card <Card>	[1..1]	Text		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980
	Servicer <Svcr>	[0..1]			1980
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981
	AccountTo <AcctTo>	[0..1]			1981
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1982
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1983
	AccountName <AcctNm>	[0..1]	Text		1983
	AccountOwner <AcctOwnr>	[0..1]			1984
	Name <Nm>	[1..1]	Text		1984
	Address <Adr>	[1..1]	±		1984
	Currency <Ccy>	[0..1]	CodeSet	C1	1984
	AccountIdentifier <AcctIdr>	[0..1]			1985
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986
	Servicer <Svcr>	[0..1]			1986
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1987
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1987
	ActionType <ActnTp>	[1..1]	CodeSet		1988
	MessageToPresent <MsgToPres>	[0..1]	±		1989
	RemoteAccess <RmotAccs>	[0..1]	±		1990
	Retry <Rtry>	[0..1]	±		1990
	TimeCondition <TmCond>	[0..1]	±		1990

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 2449):

- *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 2406

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.

CodeName	Name	Definition
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.

29.1.6.6.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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 2407

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 2449):

- *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 2457

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 2449):

- *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 2454

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 2454

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 2454

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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.6.6.5.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </ssr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

29.1.6.6.5.13 TransactionSuccess <TxSuccs>

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 2449):

- *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 2449):

- *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 2449):

- *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 2416

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.

CodeName	Name	Definition
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 2454

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 2452

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 2454

29.1.6.6.5.20 InterchangeData <IntrchnData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

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 2452

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 2452

29.1.6.6.5.23 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1956
	TotalAmount <TtlAmt>	[1..1]	Amount		1956
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1956
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1956
	DetailedAmount <DtldAmt>	[0..1]	±		1956
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1957
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1957
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1957
	ValidityDate <VldtyDt>	[0..1]	Date		1957
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1957
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1958
	AccountType <AcctTp>	[0..1]	CodeSet		1958
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1959
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <ApblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtDtls>	[0..*]	±		1967
	Instalment <Instlmt>	[0..*]	±		1968
	Recurring <Rcrng>	[0..1]	±		1969
	AggregationTransaction <AggtTx>	[0..1]	±		1970
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1970
	SaleItem <Saleitm>	[0..*]	±		1970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1971
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1971
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1971
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1972
	AdditionalInformation <AddtlInf>	[0..*]			1972
	Identification <Id>	[1..1]	Text		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctcdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1973

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2384

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 2384

29.1.6.6.5.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.6.6.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.6.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

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 2384

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 2447

29.1.6.6.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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 2454

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 2403

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1961
	Conversion <Convs>	[0..1]			1961
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <AplblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1967

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 2449):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1963
	TargetCurrency <TrgtCcy>	[1..1]			1963
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1964
	ExchangeRate <XchgRate>	[1..1]	Rate		1964
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1964
	QuotationDate <QtnDt>	[0..1]	DateTime		1964
	ValidFrom <VldFr>	[0..1]	DateTime		1964
	ValidUntil <VldUntil>	[0..1]	DateTime		1964
	SourceCurrency <SrcCcy>	[1..1]			1964
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965
	ApplicableBinRange <AplblBinRg>	[0..*]			1965
	LowerBin <LwrBin>	[1..1]	Text		1966
	HigherBin <HghrBin>	[1..1]	Text		1966
	OriginalAmount <OrgnlAmt>	[0..1]			1966
	ActualAmount <ActlAmt>	[0..1]	Amount		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966
	CommissionDetails <ComssnDtls>	[0..*]			1967
	Amount <Amt>	[1..1]	Amount		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	MarkUpDetails <MrkUpDtls>	[0..*]			1967
	Rate <Rate>	[1..1]	Rate		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967
	DeclarationDetails <DclrtDtls>	[0..*]	±		1967

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 2454

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	1963
	NumericCode <NmrcCd>	[1..1]	Text		1963
	Decimal <Dcml>	[1..1]	Quantity		1963
	Name <Nm>	[0..1]	Text		1963

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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 2384

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 2450

29.1.6.6.5.23.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2450

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 2447

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 2447

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 2447

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	1965
	NumericCode <NmrcCd>	[0..1]	Text		1965
	Decimal <Dcml>	[0..1]	Quantity		1965
	Name <Nm>	[0..1]	Text		1965

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 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2451

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 2449

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 2454

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		1966
	HigherBin <HghrBin>	[1..1]	Text		1966

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 2452

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 2452

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		1966
	MinimumAmount <MinAmt>	[0..1]	Amount		1966
	MaximumAmount <MaxAmt>	[0..1]	Amount		1966

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 2384

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 2384

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 2384

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		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967

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 2384

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 2454

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		1967
	AdditionalInformation <AddtlInf>	[0..1]	Text		1967

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 2450

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 2454

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 "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

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 "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

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 "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

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 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.6.6.5.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

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 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

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 2454

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 2450

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 2450

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 2450

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 2384

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		1972
	Value <Val>	[0..1]	Binary		1972
	ProtectedValue <PrctcdVal>	[0..1]	±		1972
	Type <Tp>	[0..1]	Text		1973

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 2451

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 2385

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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

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 2451

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 2385

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]	±		1973
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1974
	Response <Rspn>	[1..1]	CodeSet		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1975

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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

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		1974
	ResponseReason <RspnRsn>	[0..1]	Text		1974
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1975

29.1.6.6.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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 2454

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 2452

29.1.6.6.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

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 2456

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		1976
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1977
	AccountName <AcctNm>	[0..1]	Text		1977
	AccountOwner <AcctOwnr>	[0..1]			1978
	Name <Nm>	[1..1]	Text		1978
	Address <Adr>	[1..1]	±		1978
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	AccountIdentifier <AcctIdr>	[0..1]			1979
{Or	Card <Card>	[1..1]	Text		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980
	Servicer <Svcr>	[0..1]			1980
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981

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 2387

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 2403

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 2456

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		1978
	Address <Adr>	[1..1]	±		1978

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		1979
Or	MSISDN <MSISDN>	[1..1]	Text		1979
Or	EMail <EMail>	[1..1]	Text		1979
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1979
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1980
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1980
Or	Domestic <Dmst>	[1..1]	Text		1980
Or}	Other <Othr>	[1..1]	Text		1980

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 2458

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 2452

29.1.6.6.5.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

29.1.6.6.5.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1981
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1981

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

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		1982
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1983
	AccountName <AcctNm>	[0..1]	Text		1983
	AccountOwner <AcctOwnr>	[0..1]			1984
	Name <Nm>	[1..1]	Text		1984
	Address <Adr>	[1..1]	±		1984
	Currency <Ccy>	[0..1]	CodeSet	C1	1984
	AccountIdentifier <AcctIdr>	[0..1]			1985
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986
	Servicer <Svcr>	[0..1]			1986
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987

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 2387

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 2403

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 2456

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		1984
	Address <Adr>	[1..1]	±		1984

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 2456

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 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

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 2388

Constraints

• ActiveCurrency

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

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1985
Or	MSISDN <MSISDN>	[1..1]	Text		1985
Or	EMail <EMail>	[1..1]	Text		1985
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1985
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1986
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1986
Or	Domestic <Dmst>	[1..1]	Text		1986
Or}	Other <Othr>	[1..1]	Text		1986

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 2458

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 2452

29.1.6.6.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2453

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 2448

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 2448

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 2449

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 2454

29.1.6.6.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2454

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	1987
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1987

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 2447

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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

29.1.6.6.5.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

29.1.6.6.5.29 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1988
	MessageToPresent <MsgToPres>	[0..1]	±		1989
	RemoteAccess <RmotAccs>	[0..1]	±		1990
	Retry <Rtry>	[0..1]	±		1990
	TimeCondition <TmCond>	[0..1]	±		1990

29.1.6.6.5.29.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

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

29.1.6.6.5.29.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see ["ActionMessage12"](#) on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrnd>	[0..1]			2197
	BarcodeType <BrndTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrndVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.6.5.29.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.6.6.5.29.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.6.6.5.29.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.6.7 CardPaymentDataSetTransaction54

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		1995
	Traceability <Tracblt>	[0..*]	±		1995
	Environment <Envt>	[1..1]	±	C9	1995
	Context <Cntxt>	[0..1]		C10	2001
	PaymentContext <PmtCntxt>	[0..1]			2004
	CardPresent <CardPres>	[0..1]	Indicator		2004
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		2004
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2005
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2005
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		2005
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2005
	BusinessArea <BizArea>	[0..1]	CodeSet		2006
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2006
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	2006
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2007
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2007
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		2008
	SaleContext <SaleCntxt>	[0..1]			2008
	SaleIdentification <SaleId>	[0..1]	Text		2009
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2009
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2010
	CashierIdentification <CshrId>	[0..1]	Text		2010
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	2010
	ShiftNumber <ShftNb>	[0..1]	Text		2010
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		2010
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		2010
	InvoiceNumber <InvcNb>	[0..1]	Text		2010
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2011
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2011
	CommonName <CmonNm>	[1..1]	Text		2011
	Address <Adr>	[0..1]	Text		2011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2011
	SplitPayment <SpltPmt>	[0..1]	Indicator		2012
	RemainingAmount <RmngAmt>	[0..1]	Amount		2012
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2012
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2012
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2012
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2013
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2013
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	2013
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		2014
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		2014
	SystemToNotify <SysToNtfy>	[0..1]	Text		2014
	Debtor <Dbtr>	[0..1]	±		2015
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2016
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		2016
	Creditor <Cdtr>	[0..1]	±		2016
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2017
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2018
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2018
	Debtor <Dbtr>	[0..1]	±		2019
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2020
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		2021
	Creditor <Cdtr>	[0..1]	±		2021
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2022
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2023
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2023
	MandateIdentification <MndtId>	[1..1]	Text		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024
	MandateImage <MndtImg>	[0..1]	Binary		2024

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		2024
	Transaction <Tx>	[1..1]			2024
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2026
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2026
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2026
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2026
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2026
	TransactionIdentification <TxId>	[1..1]	±		2027
	OriginalTransaction <OrgnlTx>	[0..1]	±		2027
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2028
	Reversal <Rvsl>	[0..1]	Indicator		2028
	FailureReason <FailrRsn>	[0..*]	CodeSet		2029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2029
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2030
	InterchangeData <IntrchgngData>	[0..1]	Text		2030
	TransactionDetails <TxDtls>	[1..1]			2030
	Currency <Ccy>	[0..1]	CodeSet	C1	2030
	TotalAmount <TtlAmt>	[1..1]	Amount		2031
	ValidityDate <VldtyDt>	[0..1]	Date		2031
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2031
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		2031
	AuthorisationResult <AuthstnRslt>	[0..1]			2031
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2032
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2032
	Response <Rspn>	[1..1]	CodeSet		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2033
	TMSTrigger <TMSTrggr>	[0..1]			2033
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2033

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		2034
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2034
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2034
	ActionType <ActnTp>	[1..1]	CodeSet		2034
	MessageToPresent <MsgToPres>	[0..1]	±		2036
	RemoteAccess <RmotAccs>	[0..1]	±		2036
	Retry <Rtry>	[0..1]	±		2037
	TimeCondition <TmCond>	[0..1]	±		2037

29.1.6.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2457

29.1.6.7.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

29.1.6.7.3 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 "[CardPaymentEnvironment82](#)" on page 2218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhdldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BlgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.7.4 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]			2004
	CardPresent <CardPres>	[0..1]	Indicator		2004
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		2004
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2005
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2005
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		2005
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2005
	BusinessArea <BizArea>	[0..1]	CodeSet		2006
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2006
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	2006
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2007
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		2007
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		2008
	SaleContext <SaleCntxt>	[0..1]			2008
	SaleIdentification <SaleId>	[0..1]	Text		2009
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2009
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2010
	CashierIdentification <CshrlId>	[0..1]	Text		2010
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	2010
	ShiftNumber <ShftNb>	[0..1]	Text		2010
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		2010
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		2010
	InvoiceNumber <InvNb>	[0..1]	Text		2010
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2011
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2011
	CommonName <CmonNm>	[1..1]	Text		2011
	Address <Adr>	[0..1]	Text		2011
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		2011
	SplitPayment <SpltPmt>	[0..1]	Indicator		2012

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		2012
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2012
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2012
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2012
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2013
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2013
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	2013
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		2014
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		2014
	SystemToNotify <SysToNtfy>	[0..1]	Text		2014
	Debtor <Dbtr>	[0..1]	±		2015
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2016
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		2016
	Creditor <Cdtr>	[0..1]	±		2016
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2017
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2018
	DirectDebitContext <DrctDbtCntxt>	[0..1]			2018
	Debtor <Dbtr>	[0..1]	±		2019
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2020
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		2021
	Creditor <Cdtr>	[0..1]	±		2021
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2022
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2023
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2023
	MandateIdentification <MndtId>	[1..1]	Text		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024
	MandateImage <MndtImg>	[0..1]	Binary		2024
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		2024

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.7.4.1 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		2004
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		2004
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		2005
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		2005
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		2005
	TransactionChannel <TxChanl>	[0..1]	CodeSet		2005
	BusinessArea <BizArea>	[0..1]	CodeSet		2006
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		2006
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	2006
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2007
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		2007
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		2008

29.1.6.7.4.1.1 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 2449):

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

29.1.6.7.4.1.2 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 2449):

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

29.1.6.7.4.1.3 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 2449):

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

29.1.6.7.4.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2398

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.

29.1.6.7.4.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2443

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

29.1.6.7.4.1.6 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 2442

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.

29.1.6.7.4.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2402

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.

29.1.6.7.4.1.8 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 2449):

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

29.1.6.7.4.1.9 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 2420

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.7.4.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2405

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.)

29.1.6.7.4.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2405

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.

29.1.6.7.4.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2441

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.

29.1.6.7.4.2 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		2009
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		2009
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		2010
	CashierIdentification <CshrId>	[0..1]	Text		2010
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	2010
	ShiftNumber <ShiftNb>	[0..1]	Text		2010
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		2010
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		2010
	InvoiceNumber <InvNb>	[0..1]	Text		2010
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		2011
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			2011
	CommonName <CmonNm>	[1..1]	Text		2011
	Address <Adr>	[0..1]	Text		2011
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <Regdldr>	[1..1]	Text		2011
	SplitPayment <SplitPmt>	[0..1]	Indicator		2012
	RemainingAmount <RmngAmt>	[0..1]	Amount		2012
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		2012
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		2012
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		2012
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		2013
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		2013

29.1.6.7.4.2.1 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 2454

29.1.6.7.4.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2420

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.7.4.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2453

29.1.6.7.4.2.7 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 2449):

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

29.1.6.7.4.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.11 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		2011
	Address <Adr>	[0..1]	Text		2011
	CountryCode <CtryCd>	[1..1]	CodeSet		2011
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2011
	RegisteredIdentifier <Regldlr>	[1..1]	Text		2011

29.1.6.7.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2456

29.1.6.7.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2452

29.1.6.7.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2419

29.1.6.7.4.2.11.4 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 2457

29.1.6.7.4.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.2.12 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 2449):

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

29.1.6.7.4.2.13 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 2384

29.1.6.7.4.2.14 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 2449):

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

29.1.6.7.4.2.15 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 2449):

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

29.1.6.7.4.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2405

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.)

29.1.6.7.4.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2439

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.

29.1.6.7.4.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2456

29.1.6.7.4.3 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		2014
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		2014
	SystemToNotify <SysToNtfy>	[0..1]	Text		2014
	Debtor <Dbtr>	[0..1]	±		2015
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2016
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		2016
	Creditor <Cdtr>	[0..1]	±		2016
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2017
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2018

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.7.4.3.1 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 2449):

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

29.1.6.7.4.3.2 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 2449):

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

29.1.6.7.4.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2451

29.1.6.7.4.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

29.1.6.7.4.3.5 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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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

29.1.6.7.4.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

29.1.6.7.4.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

29.1.6.7.4.3.8 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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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

29.1.6.7.4.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstddData>	[0..1]	±		2360

29.1.6.7.4.4 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]	±		2019
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	2020
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		2021
	Creditor <Cdtr>	[0..1]	±		2021
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	2022
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2023
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2023
	MandateIdentification <MndtId>	[1..1]	Text		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024
	MandateImage <MndtImg>	[0..1]	Binary		2024
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2024

29.1.6.7.4.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </ssr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </ssr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

29.1.6.7.4.4.2 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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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

29.1.6.7.4.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.7.4.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer </Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

29.1.6.7.4.4.5 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 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1732
	Type <Tp>	[0..1]	±		1732
	Currency <Ccy>	[0..1]	CodeSet	C2	1733
	Name <Nm>	[0..1]	Text		1733
	Proxy <Prxy>	[0..1]	±		1733

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

29.1.6.7.4.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.7.4.4.7 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		2024
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2024
	MandateImage <MndtImg>	[0..1]	Binary		2024
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2024

29.1.6.7.4.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.4.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2447

29.1.6.7.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2386

29.1.6.7.4.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.6.7.5 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction151** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		2026
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2026
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2026
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2026
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2026
	TransactionIdentification <TxId>	[1..1]	±		2027
	OriginalTransaction <OrgnlTx>	[0..1]	±		2027
	TransactionSuccess <TxSucss>	[1..1]	Indicator		2028
	Reversal <Rvs/ >	[0..1]	Indicator		2028
	FailureReason <FailrRsn>	[0..*]	CodeSet		2029
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		2029
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		2030
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2030
	InterchangeData <IntrchgData>	[0..1]	Text		2030
	TransactionDetails <TxDtls>	[1..1]			2030
	Currency <Ccy>	[0..1]	CodeSet	C1	2030
	TotalAmount <TtlAmt>	[1..1]	Amount		2031
	ValidityDate <VldtyDt>	[0..1]	Date		2031
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2031
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		2031
	AuthorisationResult <AuthstnRslt>	[0..1]			2031
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2032
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2032
	Response <Rspn>	[1..1]	CodeSet		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2033
	TMSTrigger <TMSTrggr>	[0..1]			2033
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2033
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2034

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2034
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2034
	ActionType <ActnTp>	[1..1]	CodeSet		2034
	MessageToPresent <MsgToPres>	[0..1]	±		2036
	RemoteAccess <RmotAccs>	[0..1]	±		2036
	Retry <Rtry>	[0..1]	±		2037
	TimeCondition <TmCond>	[0..1]	±		2037

29.1.6.7.5.1 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 2457

29.1.6.7.5.2 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 2449):

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

29.1.6.7.5.3 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 2454

29.1.6.7.5.4 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 2454

29.1.6.7.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.5.6 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.6.7.5.7 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction149](#)" on page 1751 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1752
	TransactionIdentification <TxId>	[1..1]	±		1752
	POIIdentification <POIID>	[0..1]			1753
	Identification </Id>	[1..1]	Text		1753
	Type <Tp>	[0..1]	CodeSet		1753
	Issuer </Issr>	[0..1]	CodeSet		1754
	ShortName <ShrtNm>	[0..1]	Text		1754
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1754
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1754
	TransactionType <TxTp>	[1..1]	CodeSet		1754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1755
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1756
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1756
	TransactionResult <TxRslt>	[0..1]			1757
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1757
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1758
	Response <Rspn>	[1..1]	CodeSet		1758
	ResponseReason <RspnRsn>	[0..1]	Text		1758
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1759
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1759

29.1.6.7.5.8 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 2449):

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

29.1.6.7.5.9 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 2449):

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

29.1.6.7.5.10 FailureReason <FailRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 2416

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.

29.1.6.7.5.11 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.5.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2452

29.1.6.7.5.13 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 2454

29.1.6.7.5.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2452

29.1.6.7.5.15 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	2030
	TotalAmount <TtlAmt>	[1..1]	Amount		2031
	ValidityDate <VldtyDt>	[0..1]	Date		2031
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2031
	KeepAuthorisationOpen <KeepAuthstrnOpn>	[0..1]	Indicator		2031

29.1.6.7.5.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

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

29.1.6.7.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.6.7.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

29.1.6.7.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2385

29.1.6.7.5.15.5 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 2449):

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

29.1.6.7.5.16 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2032
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2032
	Response <Rspn>	[1..1]	CodeSet		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2033
	TMSTrigger <TMSTrggr>	[0..1]			2033
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		2033
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2034

29.1.6.7.5.16.1 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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.6.7.5.16.2 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		2033
	ResponseReason <RspnRsn>	[0..1]	Text		2033
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2033

29.1.6.7.5.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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).

29.1.6.7.5.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2454

29.1.6.7.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.6.7.5.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

29.1.6.7.5.16.4 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		2033
	TMSIdentification <TMSId>	[0..1]	Text		2034
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2034

29.1.6.7.5.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2441

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.

29.1.6.7.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.6.7.5.16.4.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2447

29.1.6.7.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

29.1.6.7.5.18 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2034
	MessageToPresent <MsgToPres>	[0..1]	±		2036
	RemoteAccess <RmotAccs>	[0..1]	±		2036
	Retry <Rtry>	[0..1]	±		2037
	TimeCondition <TmCond>	[0..1]	±		2037

29.1.6.7.5.18.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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

29.1.6.7.5.18.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.6.7.5.18.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.6.7.5.18.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.6.7.5.18.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.7 Customer Device

29.1.7.1 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		2037
	Type <Tp>	[0..1]	Text		2037
	Provider <Prvdr>	[0..1]	Text		2038

29.1.7.1.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "[Max35Text](#)" on page 2454

29.1.7.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 2456

29.1.7.1.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 2454

29.1.8 Identification Information

29.1.8.1 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

29.1.8.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2428

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.

CodeName	Name	Definition
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.8.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2428

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.

29.1.8.1.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2457

29.1.8.1.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.2 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.8.2.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.2.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 2427

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

29.1.8.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

29.1.8.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2457

29.1.8.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.3 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2046

29.1.8.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2428

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.

CodeName	Name	Definition
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.8.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2428

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.

29.1.8.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2457

29.1.8.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.8.3.6 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.8.3.7 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]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

29.1.8.3.7.1 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		2045
	Longitude <Long>	[1..1]	Text		2045

29.1.8.3.7.1.1 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 2454

29.1.8.3.7.1.2 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 2454

29.1.8.3.7.2 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		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

29.1.8.3.7.2.1 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 2454

29.1.8.3.7.2.2 UTMEastward <UTMEstwrdr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 2454

29.1.8.3.7.2.3 UTMNorthward <UTMNrthwrd>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 2454

29.1.8.4 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		2046
	IdentificationType <IdTp>	[1..1]	Text		2046

29.1.8.4.1 Identification <Id>

Presence: [1..1]

Definition: Identifier issued to a person for which no specific identifier has been defined.

Datatype: "Max35Text" on page 2454

29.1.8.4.2 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 2454

29.1.8.5 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		2046
	SchemeName <SchmeNm>	[0..1]	Text		2047
	Issuer <Issr>	[0..1]	Text		2047

29.1.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 2454

29.1.8.5.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 2454

29.1.8.5.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

29.1.8.6 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		2047
	Issuer <Issr>	[1..1]	Text		2047
	SchemeName <SchmeNm>	[0..1]	Text		2047

29.1.8.6.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Exact4AlphaNumericText" on page 2451

29.1.8.6.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

29.1.8.6.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 2454

29.1.9 Miscellaneous

29.1.9.1 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlrvyLctn>	[0..1]	Text		2051
	DeliveryService <DlrvySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

29.1.9.1.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 2454

29.1.9.1.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2456

29.1.9.1.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.9.1.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2444

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.

CodeName	Name	Definition
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

29.1.9.1.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 2449

29.1.9.1.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.1.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2449):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.9.1.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.1.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2449):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.9.1.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.1.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 2454

29.1.9.1.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 2452

29.1.9.1.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max10Text" on page 2451

29.1.9.1.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 2398

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.

29.1.9.1.15 SaleChannel <SaleChanl>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 2456

29.1.9.1.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 2453

29.1.9.2 RetailerReversalResult8

Definition: Reversal transaction results after a reversal request.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		2057
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			2057
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2062
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2062
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2063
	TransactionType <TxTp>	[1..1]	CodeSet		2063
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2064
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2065
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2065
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2066
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2066
	TransactionIdentification <Txld>	[1..1]	±		2066
	OriginalTransaction <OrgnlTx>	[0..1]			2066
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2068
	TransactionIdentification <Txld>	[1..1]	±		2068
	POIIdentification <POIld>	[1..1]			2068
	Identification <ld>	[1..1]	Text		2069
	Type <Tp>	[0..1]	CodeSet		2069
	Issuer <Issr>	[0..1]	CodeSet		2069
	ShortName <ShrtNm>	[0..1]	Text		2070
	CurrencyConversion <CcyConvs>	[0..1]			2070
	Result <Rslt>	[1..1]	CodeSet		2072
	ResultReason <RsltRsn>	[0..1]	Text		2072
	ConversionDetails <ConvsDtls>	[0..*]			2072
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2075

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		2075
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <ApblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkUpDetails <MrkUpDtls>	[0..*]			2078
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <DclrtDtls>	[0..*]	±		2078
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2079
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2079
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2079
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2079
	TransactionDetails <TxDtls>	[1..1]			2080
	Currency <Ccy>	[0..1]	CodeSet	C1	2083
	TotalAmount <TtlAmt>	[1..1]	Amount		2083

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2083
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2083
	DetailedAmount <DtlAmt>	[0..1]	±		2083
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2084
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2084
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2084
	ValidityDate <VldtyDt>	[0..1]	Date		2084
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2084
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2085
	AccountType <AcctTp>	[0..1]	CodeSet		2085
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2086
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2088
	Conversion <Convs>	[0..1]			2088
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092
	ApplicableBinRange <ApblBinRg>	[0..*]			2092

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2093
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2094
	Instalment <Instlmt>	[0..*]	±		2095
	Recurring <Rcrng>	[0..1]	±		2096
	AggregationTransaction <AggtnTx>	[0..1]	±		2097
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2097
	SaleItem <SaleItm>	[0..*]	±		2097
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2098
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2098
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2098
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2098
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2099
	AdditionalInformation <AddtlInf>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Value <Val>	[0..1]	Binary		2099
	ProtectedValue <PrctcdVal>	[0..1]	±		2099
	Type <Tp>	[0..1]	Text		2100
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2100
	AuthorisationResult <AuthstnRslt>	[0..1]			2100
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2101
	Response <Rspn>	[1..1]	CodeSet		2101
	ResponseReason <RspnRsn>	[0..1]	Text		2101
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2102
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2102
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2102
	CustomerOrder <CstmrOrdrr>	[0..1]	±		2102
	CustomerToken <CstmrTkn>	[0..1]	±		2102
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2103
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2103
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2103
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2103
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2104
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2104
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2104
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2104
	ActionType <ActnTp>	[1..1]	CodeSet		2104
	MessageToPresent <MsgToPres>	[0..1]	±		2105
	RemoteAccess <RmotAccs>	[0..1]	±		2106
	Retry <Rtry>	[0..1]	±		2106
	TimeCondition <TmCond>	[0..1]	±		2107
	CustomerOrder <CstmrOrdrr>	[0..*]	±		2107

29.1.9.2.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 2454

29.1.9.2.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnIPmtTx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2062
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2062
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		2063
	TransactionType <TxTp>	[1..1]	CodeSet		2063
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2064
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2065
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2065
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2066
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2066
	TransactionIdentification <TxId>	[1..1]	±		2066
	OriginalTransaction <OrgnITx>	[0..1]			2066
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2068
	TransactionIdentification <TxId>	[1..1]	±		2068
	POIIdentification <POIID>	[1..1]			2068
	Identification <Id>	[1..1]	Text		2069
	Type <Tp>	[0..1]	CodeSet		2069
	Issuer <Issr>	[0..1]	CodeSet		2069
	ShortName <ShrtNm>	[0..1]	Text		2070
	CurrencyConversion <CcyConvs>	[0..1]			2070
	Result <Rslt>	[1..1]	CodeSet		2072
	ResultReason <RsltRsn>	[0..1]	Text		2072
	ConversionDetails <ConvsDtls>	[0..*]			2072
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074
	ResultingAmount <RsltAmt>	[0..1]	Amount		2075
	ExchangeRate <XchgRate>	[1..1]	Rate		2075

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <AplblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkUpDetails <MrkUpDtls>	[0..*]			2078
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2078
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2079
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2079
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		2079
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		2079
	TransactionDetails <TxDtls>	[1..1]			2080
	Currency <Ccy>	[0..1]	CodeSet	C1	2083
	TotalAmount <TtlAmt>	[1..1]	Amount		2083
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2083

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2083
	DetailedAmount <DtldAmt>	[0..1]	±		2083
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2084
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2084
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2084
	ValidityDate <VldtyDt>	[0..1]	Date		2084
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2084
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2085
	AccountType <AcctTp>	[0..1]	CodeSet		2085
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2086
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		2088
	Conversion <Convs>	[0..1]			2088
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092
	ApplicableBinRange <AplblBinRg>	[0..*]			2092
	LowerBin <LwrBin>	[1..1]	Text		2093

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <DclrtDtls>	[0..*]	±		2094
	Instalment <Instlmt>	[0..*]	±		2095
	Recurring <Rcrng>	[0..1]	±		2096
	AggregationTransaction <AggtTx>	[0..1]	±		2097
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2097
	SaleItem <SaleItm>	[0..*]	±		2097
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2098
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2098
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2098
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2098
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2099
	AdditionalInformation <AddtlInf>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Value <Val>	[0..1]	Binary		2099
	ProtectedValue <PrctdVal>	[0..1]	±		2099
	Type <Tp>	[0..1]	Text		2100
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2100
	AuthorisationResult <AuthstnRslt>	[0..1]			2100
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2100
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2101

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2101
	ResponseReason <RspnRsn>	[0..1]	Text		2101
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2102
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2102
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2102
	CustomerOrder <CstmrOrd>	[0..1]	±		2102
	CustomerToken <CstmrTkn>	[0..1]	±		2102
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2103
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2103
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2103
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2103
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2104
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2104
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2104
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2104
	ActionType <ActnTp>	[1..1]	CodeSet		2104
	MessageToPresent <MsgToPres>	[0..1]	±		2105
	RemoteAccess <RmotAccs>	[0..1]	±		2106
	Retry <Rtry>	[0..1]	±		2106
	TimeCondition <TmCond>	[0..1]	±		2107

29.1.9.2.2.1 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 2449):

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

29.1.9.2.2.2 PaymentInstrument <Pmtlnstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2430

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.

29.1.9.2.2.3 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 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.9.2.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2408

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.

29.1.9.2.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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.

29.1.9.2.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

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.

29.1.9.2.2.7 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 2449):

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

29.1.9.2.2.8 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 2457](#)

29.1.9.2.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: ["Max35Text" on page 2454](#)

29.1.9.2.2.10 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 2295](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.9.2.2.11 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2068
	TransactionIdentification <TxId>	[1..1]	±		2068
	POIIdentification <POIID>	[1..1]			2068
	Identification <Id>	[1..1]	Text		2069
	Type <Tp>	[0..1]	CodeSet		2069
	Issuer <Issr>	[0..1]	CodeSet		2069
	ShortName <ShrtNm>	[0..1]	Text		2070
	CurrencyConversion <CcyConvs>	[0..1]			2070
	Result <Rslt>	[1..1]	CodeSet		2072
	ResultReason <RsltRsn>	[0..1]	Text		2072
	ConversionDetails <ConvsDtls>	[0..*]			2072
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2075
	ExchangeRate <XchgRate>	[1..1]	Rate		2075
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <ApblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkUpDetails <MrkUpDtls>	[0..*]			2078
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2078

29.1.9.2.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.2 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.9.2.2.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2069
	Type <Tp>	[0..1]	CodeSet		2069
	Issuer <Issr>	[0..1]	CodeSet		2069
	ShortName <ShrtNm>	[0..1]	Text		2070

29.1.9.2.2.11.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType35Code" on page 2428

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

29.1.9.2.2.11.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

29.1.9.2.2.11.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		2072
	ResultReason <RsltRsn>	[0..1]	Text		2072
	ConversionDetails <ConvsDtls>	[0..*]			2072
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074
	ResultingAmount <RsltAmt>	[0..1]	Amount		2075
	ExchangeRate <XchgRate>	[1..1]	Rate		2075
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <AplblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkupDetails <MrkUpDtls>	[0..*]			2078

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2078

29.1.9.2.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2411

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.

29.1.9.2.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2074
	TargetCurrency <TrgtCcy>	[1..1]			2074
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2075
	ExchangeRate <XchgRate>	[1..1]	Rate		2075
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2075
	QuotationDate <QtnDt>	[0..1]	DateTime		2075
	ValidFrom <VldFr>	[0..1]	DateTime		2075
	ValidUntil <VldUntil>	[0..1]	DateTime		2075
	SourceCurrency <SrcCcy>	[1..1]			2075
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076
	ApplicableBinRange <AplblBinRg>	[0..*]			2076
	LowerBin <LwrBin>	[1..1]	Text		2077
	HigherBin <HghrBin>	[1..1]	Text		2077
	OriginalAmount <OrgnlAmt>	[0..1]			2077
	ActualAmount <ActlAmt>	[0..1]	Amount		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077
	CommissionDetails <ComssnDtls>	[0..*]			2078
	Amount <Amt>	[1..1]	Amount		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	MarkUpDetails <MrkUpDtls>	[0..*]			2078
	Rate <Rate>	[1..1]	Rate		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078
	DeclarationDetails <DclrtDtls>	[0..*]	±		2078

29.1.9.2.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.4.3.2 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	2074
	NumericCode <NmrcCd>	[1..1]	Text		2074
	Decimal <Dcml>	[1..1]	Quantity		2074
	Name <Nm>	[0..1]	Text		2074

29.1.9.2.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.2.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.2.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.9.2.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.11.4.3.4 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 2450

29.1.9.2.2.11.4.3.5 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 2450

29.1.9.2.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.11.4.3.9 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	2076
	NumericCode <NmrcCd>	[0..1]	Text		2076
	Decimal <Dcml>	[0..1]	Quantity		2076
	Name <Nm>	[0..1]	Text		2076

29.1.9.2.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.2.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.2.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.9.2.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.11.4.3.10 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		2077
	HigherBin <HghrBin>	[1..1]	Text		2077

29.1.9.2.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.2.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.2.2.11.4.3.11 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		2077
	MinimumAmount <MinAmt>	[0..1]	Amount		2077
	MaximumAmount <MaxAmt>	[0..1]	Amount		2077

29.1.9.2.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.11.4.3.12 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		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078

29.1.9.2.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.9.2.2.11.4.3.13 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		2078
	AdditionalInformation <AddtlInf>	[0..1]	Text		2078

29.1.9.2.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.9.2.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.9.2.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.2.2.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2452

29.1.9.2.2.14 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 2452

29.1.9.2.2.15 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 2452

29.1.9.2.2.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2083
	TotalAmount <TtlAmt>	[1..1]	Amount		2083
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2083
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2083
	DetailedAmount <DtldAmt>	[0..1]	±		2083
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2084
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2084
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2084
	ValidityDate <VldtyDt>	[0..1]	Date		2084
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2084
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2085
	AccountType <AcctTp>	[0..1]	CodeSet		2085
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2086
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2088
	Conversion <Convs>	[0..1]			2088
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2092
	ApplicableBinRange <ApblBinRg>	[0..*]			2092
	LowerBin <LwrBin>	[1..1]	Text		2093
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <DclrtDtls>	[0..*]	±		2094
	Instalment <Instlmt>	[0..*]	±		2095
	Recurring <Rcrng>	[0..1]	±		2096
	AggregationTransaction <AggtTx>	[0..1]	±		2097
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2097
	SaleItem <Saleitm>	[0..*]	±		2097
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2098
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2098
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2098
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		2098
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2099
	AdditionalInformation <AddtlInf>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Value <Val>	[0..1]	Binary		2099
	ProtectedValue <PrctcdVal>	[0..1]	±		2099
	Type <Tp>	[0..1]	Text		2100
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2100

29.1.9.2.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.2.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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.

29.1.9.2.2.16.5 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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.9.2.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

29.1.9.2.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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

29.1.9.2.2.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

29.1.9.2.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.9.2.2.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2088
	Conversion <Convs>	[0..1]			2088
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092
	ApplicableBinRange <AplblBinRg>	[0..*]			2092
	LowerBin <LwrBin>	[1..1]	Text		2093
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2094

29.1.9.2.2.16.13.1 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 2449](#)):

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

29.1.9.2.2.16.13.2 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2090
	TargetCurrency <TrgtCcy>	[1..1]			2090
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2091
	ExchangeRate <XchgRate>	[1..1]	Rate		2091
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2091
	QuotationDate <QtnDt>	[0..1]	DateTime		2091
	ValidFrom <VldFr>	[0..1]	DateTime		2091
	ValidUntil <VldUntil>	[0..1]	DateTime		2091
	SourceCurrency <SrcCcy>	[1..1]			2091
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092
	ApplicableBinRange <AplblBinRg>	[0..*]			2092
	LowerBin <LwrBin>	[1..1]	Text		2093
	HigherBin <HghrBin>	[1..1]	Text		2093
	OriginalAmount <OrgnlAmt>	[0..1]			2093
	ActualAmount <ActlAmt>	[0..1]	Amount		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093
	CommissionDetails <ComssnDtls>	[0..*]			2094
	Amount <Amt>	[1..1]	Amount		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	MarkUpDetails <MrkUpDtls>	[0..*]			2094
	Rate <Rate>	[1..1]	Rate		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2094

29.1.9.2.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.2.2.16.13.2.2 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	2090
	NumericCode <NmrcCd>	[1..1]	Text		2090
	Decimal <Dcml>	[1..1]	Quantity		2090
	Name <Nm>	[0..1]	Text		2090

29.1.9.2.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.2.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.2.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.9.2.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.13.2.4 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 2450

29.1.9.2.2.16.13.2.5 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 2450

29.1.9.2.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.9.2.2.16.13.2.9 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	2092
	NumericCode <NmrcCd>	[0..1]	Text		2092
	Decimal <Dcml>	[0..1]	Quantity		2092
	Name <Nm>	[0..1]	Text		2092

29.1.9.2.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.2.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.2.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.9.2.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.2.2.16.13.2.10 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		2093
	HigherBin <HghrBin>	[1..1]	Text		2093

29.1.9.2.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.2.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.2.2.16.13.2.11 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		2093
	MinimumAmount <MinAmt>	[0..1]	Amount		2093
	MaximumAmount <MaxAmt>	[0..1]	Amount		2093

29.1.9.2.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.13.2.12 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		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094

29.1.9.2.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.9.2.2.16.13.2.13 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		2094
	AdditionalInformation <AddtlInf>	[0..1]	Text		2094

29.1.9.2.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.9.2.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.9.2.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.2.2.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

29.1.9.2.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

29.1.9.2.2.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Lab>	[0..1]	Text		2286

29.1.9.2.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

29.1.9.2.2.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

29.1.9.2.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.2.2.16.20 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 2450

29.1.9.2.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.9.2.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.9.2.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.2.2.16.24 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		2099
	Value <Val>	[0..1]	Binary		2099
	ProtectedValue <PrtctdVal>	[0..1]	±		2099
	Type <Tp>	[0..1]	Text		2100

29.1.9.2.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.9.2.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.9.2.2.16.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.9.2.2.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2451

29.1.9.2.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

29.1.9.2.2.17 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]	±		2100
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2101
	Response <Rspn>	[1..1]	CodeSet		2101
	ResponseReason <RspnRsn>	[0..1]	Text		2101
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2102
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2102

29.1.9.2.2.17.1 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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.9.2.2.17.2 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		2101
	ResponseReason <RspnRsn>	[0..1]	Text		2101
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2102

29.1.9.2.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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).

29.1.9.2.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2454

29.1.9.2.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.9.2.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

29.1.9.2.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2456

29.1.9.2.2.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

29.1.9.2.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2380 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2380
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2380
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2380
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2381
	TokenRequestor <TknRqstr>	[0..1]			2381
	ProviderIdentification <PrvdrId>	[1..1]	Text		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2381
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2381
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2381
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2382

29.1.9.2.2.21 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 2449):

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

29.1.9.2.2.22 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 2454

29.1.9.2.2.23 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 2454

29.1.9.2.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2456

29.1.9.2.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2456

29.1.9.2.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2456

29.1.9.2.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

29.1.9.2.2.28 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2104
	MessageToPresent <MsgToPres>	[0..1]	±		2105
	RemoteAccess <RmotAccs>	[0..1]	±		2106
	Retry <Rtry>	[0..1]	±		2106
	TimeCondition <TmCond>	[0..1]	±		2107

29.1.9.2.2.28.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
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.

29.1.9.2.2.28.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.2.2.28.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.9.2.2.28.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.9.2.2.28.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.9.2.3 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "[CustomerOrder1](#)" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

29.1.9.3 RetailerPaymentResult8

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2116
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2116
	TransactionType <TxTp>	[1..1]	CodeSet		2117
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2118
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2118
	RequestedTransaction <ReqdTxx>	[0..1]			2119
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2124
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2125
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2127
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2128
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2128
	TransactionIdentification <Txld>	[1..1]	±		2128
	OriginalTransaction <OrgnlTx>	[0..1]			2128
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2130
	TransactionIdentification <Txld>	[1..1]	±		2130
	POIIdentification <POIld>	[1..1]			2130
	Identification <ld>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer </ssr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132
	CurrencyConversion <CcyConvs>	[0..1]			2132
	Result <Rslt>	[1..1]	CodeSet		2134
	ResultReason <RsltRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <DcmI>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <DcmI>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <AplblBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkUpDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2140
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2141
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2141
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2141

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2141
	TransactionDetails <TxDtIs>	[1..1]			2142
	Currency <Ccy>	[0..1]	CodeSet	C1	2145
	TotalAmount <TtlAmt>	[1..1]	Amount		2145
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2145
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2145
	DetailedAmount <DtldAmt>	[0..1]	±		2145
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2146
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2146
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2146
	ValidityDate <VldtyDt>	[0..1]	Date		2146
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2146
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2147
	AccountType <AcctTp>	[0..1]	CodeSet		2147
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			2148
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsItgAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <AplblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2156
	Instalment <Instlmt>	[0..*]	±		2157
	Recurring <Rcrng>	[0..1]	±		2158
	AggregationTransaction <AggtnTx>	[0..1]	±		2159
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2159
	SaleItem <Saleitm>	[0..*]	±		2159
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2160
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2160
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2160
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2160
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2161
	AdditionalInformation <AddtlInf>	[0..*]			2161
	Identification <Id>	[1..1]	Text		2161
	Value <Val>	[0..1]	Binary		2161
	ProtectedValue <PrctcdVal>	[0..1]	±		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2162
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2162
	AuthorisationResult <AuthstnRslt>	[0..1]			2162
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2162
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2163
	Response <Rspn>	[1..1]	CodeSet		2163
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2164
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2164
	CustomerOrder <CstmrOrdr>	[0..1]	±		2164
	CustomerToken <CstmrTkn>	[0..1]	±		2164
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2165
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2165
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2165
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2165
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2166
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2166
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2166
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2166
	ActionType <ActnTp>	[1..1]	CodeSet		2166
	MessageToPresent <MsgToPres>	[0..1]	±		2167
	RemoteAccess <RmotAccs>	[0..1]	±		2168
	Retry <Rtry>	[0..1]	±		2168
	TimeCondition <TmCond>	[0..1]	±		2169
	TransactionResponse <TxRspn>	[0..1]			2169
	AuthorisationResult <AuthstnRslt>	[1..1]			2172
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2172
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2173
	Response <Rspn>	[1..1]	CodeSet		2173
	ResponseReason <RspnRsn>	[0..1]	Text		2173

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2173
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2173
	TMSTrigger <TMSTrggr>	[0..1]			2174
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174
	AllowedProductCode <AllwdPdctCd>	[0..*]			2174
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2176
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2176
	AmountLimit <AmtLmt>	[0..1]	Amount		2176
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2176
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2176
	Balance <Bal>	[0..1]	±		2178
	ProtectedBalance <PrctcdBal>	[0..1]	±		2178
	Action <Actn>	[0..*]			2179
	ActionType <ActnTp>	[1..1]	CodeSet		2179
	MessageToPresent <MsgToPres>	[0..1]	±		2180
	RemoteAccess <RmotAccs>	[0..1]	±		2181
	Retry <Rtry>	[0..1]	±		2181
	TimeCondition <TmCond>	[0..1]	±		2182
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2182
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2184
	TargetCurrency <TrgtCcy>	[1..1]			2184
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2184

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2185
	ExchangeRate <XchgRate>	[1..1]	Rate		2185
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2185
	QuotationDate <QtnDt>	[0..1]	DateTime		2185
	ValidFrom <VldFr>	[0..1]	DateTime		2185
	ValidUntil <VldUntil>	[0..1]	DateTime		2185
	SourceCurrency <SrcCcy>	[1..1]			2185
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186
	ApplicableBinRange <AplblBinRg>	[0..*]			2186
	LowerBin <LwrBin>	[1..1]	Text		2187
	HigherBin <HghrBin>	[1..1]	Text		2187
	OriginalAmount <OrgnlAmt>	[0..1]			2187
	ActualAmount <ActlAmt>	[0..1]	Amount		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187
	CommissionDetails <ComssnDtls>	[0..*]			2188
	Amount <Amt>	[1..1]	Amount		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	MarkUpDetails <MrkUpDtls>	[0..*]			2188
	Rate <Rate>	[1..1]	Rate		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2188
	CustomerOrder <CstmrOrdrr>	[0..*]	±		2189
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2190
	ImageFormat <ImgFrmt>	[1..1]	Text		2190

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageData <ImgData>	[0..1]	Binary		2190
	ImageReference <ImgRef>	[0..1]	Text		2191
	AdditionalInformation <AddtlInf>	[0..1]	Text		2191
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2191
	MerchantOverrideFlag <MrchntOvrrdFlg>	[0..1]	Indicator		2191
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2191
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2191

29.1.9.3.1 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of payment instruments relevant to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2430

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.

29.1.9.3.2 PaymentTypeInfo <PmtTplnf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see
"PaymentTypeInformation26" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.9.3.3 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 2406

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).

CodeName	Name	Definition
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.

29.1.9.3.4 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

29.1.9.3.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.

CodeName	Name	Definition
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.

29.1.9.3.6 RequestedTransaction <ReqdTxx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2124
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2125
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2127
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2128
	TransactionIdentification <TxId>	[1..1]	±		2128
	OriginalTransaction <OrgnlTx>	[0..1]			2128
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2130
	TransactionIdentification <TxId>	[1..1]	±		2130
	POIIdentification <POIID>	[1..1]			2130
	Identification <Id>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer <Issr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132
	CurrencyConversion <CcyConvs>	[0..1]			2132
	Result <Rslt>	[1..1]	CodeSet		2134
	ResultReason <RsltRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <AplblBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkUpDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2140
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2141
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2141
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		2141
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		2141
	TransactionDetails <TxDtls>	[1..1]			2142
	Currency <Ccy>	[0..1]	CodeSet	C1	2145
	TotalAmount <TtlAmt>	[1..1]	Amount		2145
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2145
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2145

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		2145
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2146
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2146
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2146
	ValidityDate <VldtyDt>	[0..1]	Date		2146
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2146
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2147
	AccountType <AcctTp>	[0..1]	CodeSet		2147
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2148
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <AplblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2156
	Instalment <Instlmt>	[0..*]	±		2157
	Recurring <Rcrng>	[0..1]	±		2158
	AggregationTransaction <AggtnTx>	[0..1]	±		2159
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2159
	SaleItem <Saleitm>	[0..*]	±		2159
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2160
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2160
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2160
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2160
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2161
	AdditionalInformation <AddtlInf>	[0..*]			2161
	Identification <Id>	[1..1]	Text		2161
	Value <Val>	[0..1]	Binary		2161
	ProtectedValue <PrctcdVal>	[0..1]	±		2161
	Type <Tp>	[0..1]	Text		2162
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2162
	AuthorisationResult <AuthstnRslt>	[0..1]			2162
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2162
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2163
	Response <Rspn>	[1..1]	CodeSet		2163

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2164
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2164
	CustomerOrder <CstmrOrdr>	[0..1]	±		2164
	CustomerToken <CstmrTkn>	[0..1]	±		2164
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2165
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2165
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2165
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2165
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2166
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2166
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2166
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2166
	ActionType <ActnTp>	[1..1]	CodeSet		2166
	MessageToPresent <MsgToPres>	[0..1]	±		2167
	RemoteAccess <RmotAccs>	[0..1]	±		2168
	Retry <Rtry>	[0..1]	±		2168
	TimeCondition <TmCond>	[0..1]	±		2169

29.1.9.3.6.1 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 2449):

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

29.1.9.3.6.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2430

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.

29.1.9.3.6.3 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 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.9.3.6.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2408

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.

29.1.9.3.6.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2409

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.

CodeName	Name	Definition
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.

29.1.9.3.6.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2407

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.

29.1.9.3.6.7 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 2449):

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

29.1.9.3.6.8 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 2457](#)

29.1.9.3.6.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: ["Max35Text" on page 2454](#)

29.1.9.3.6.10 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 2295](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.9.3.6.11 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2130
	TransactionIdentification <TxId>	[1..1]	±		2130
	POIIdentification <POIID>	[1..1]			2130
	Identification <Id>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer <Issr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132
	CurrencyConversion <CcyConvs>	[0..1]			2132
	Result <Rslt>	[1..1]	CodeSet		2134
	ResultReason <RsltRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <ApblBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkUpDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2140

29.1.9.3.6.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.2 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 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.9.3.6.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2131
	Type <Tp>	[0..1]	CodeSet		2131
	Issuer <Issr>	[0..1]	CodeSet		2131
	ShortName <ShrtNm>	[0..1]	Text		2132

29.1.9.3.6.11.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType35Code" on page 2428

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

29.1.9.3.6.11.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

29.1.9.3.6.11.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		2134
	ResultReason <RsltRsn>	[0..1]	Text		2134
	ConversionDetails <ConvsDtls>	[0..*]			2134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <AplblBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkupDetails <MrkUpDtls>	[0..*]			2140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2140

29.1.9.3.6.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2411

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.

29.1.9.3.6.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2136
	TargetCurrency <TrgtCcy>	[1..1]			2136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2137
	ExchangeRate <XchgRate>	[1..1]	Rate		2137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2137
	QuotationDate <QtnDt>	[0..1]	DateTime		2137
	ValidFrom <VldFr>	[0..1]	DateTime		2137
	ValidUntil <VldUntil>	[0..1]	DateTime		2137
	SourceCurrency <SrcCcy>	[1..1]			2137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138
	ApplicableBinRange <ApplBinRg>	[0..*]			2138
	LowerBin <LwrBin>	[1..1]	Text		2139
	HigherBin <HghrBin>	[1..1]	Text		2139
	OriginalAmount <OrgnlAmt>	[0..1]			2139
	ActualAmount <ActlAmt>	[0..1]	Amount		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139
	CommissionDetails <ComssnDtls>	[0..*]			2140
	Amount <Amt>	[1..1]	Amount		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	MarkUpDetails <MrkUpDtls>	[0..*]			2140
	Rate <Rate>	[1..1]	Rate		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140
	DeclarationDetails <DclrtDtls>	[0..*]	±		2140

29.1.9.3.6.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.4.3.2 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	2136
	NumericCode <NmrcCd>	[1..1]	Text		2136
	Decimal <Dcml>	[1..1]	Quantity		2136
	Name <Nm>	[0..1]	Text		2136

29.1.9.3.6.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.6.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.6.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.9.3.6.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.11.4.3.4 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 2450

29.1.9.3.6.11.4.3.5 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 2450

29.1.9.3.6.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.11.4.3.9 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	2138
	NumericCode <NmrcCd>	[0..1]	Text		2138
	Decimal <Dcml>	[0..1]	Quantity		2138
	Name <Nm>	[0..1]	Text		2138

29.1.9.3.6.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.6.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.6.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.9.3.6.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.11.4.3.10 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		2139
	HigherBin <HghrBin>	[1..1]	Text		2139

29.1.9.3.6.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.6.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.6.11.4.3.11 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		2139
	MinimumAmount <MinAmt>	[0..1]	Amount		2139
	MaximumAmount <MaxAmt>	[0..1]	Amount		2139

29.1.9.3.6.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.11.4.3.12 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		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140

29.1.9.3.6.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.9.3.6.11.4.3.13 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		2140
	AdditionalInformation <AddtlInf>	[0..1]	Text		2140

29.1.9.3.6.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.9.3.6.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.9.3.6.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.3.6.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2452

29.1.9.3.6.14 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 2452

29.1.9.3.6.15 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 2452

29.1.9.3.6.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails54** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2145
	TotalAmount <TtlAmt>	[1..1]	Amount		2145
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2145
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2145
	DetailedAmount <DtldAmt>	[0..1]	±		2145
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2146
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2146
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2146
	ValidityDate <VldtyDt>	[0..1]	Date		2146
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2146
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2147
	AccountType <AcctTp>	[0..1]	CodeSet		2147
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2148
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <ApblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <DclrtDtls>	[0..*]	±		2156
	Instalment <Instlmt>	[0..*]	±		2157
	Recurring <Rcrng>	[0..1]	±		2158
	AggregationTransaction <AggtTx>	[0..1]	±		2159
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2159
	SaleItem <Saleitm>	[0..*]	±		2159
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2160
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2160
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2160
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		2160
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2161
	AdditionalInformation <AddtlInf>	[0..*]			2161
	Identification <Id>	[1..1]	Text		2161
	Value <Val>	[0..1]	Binary		2161
	ProtectedValue <PrctcdVal>	[0..1]	±		2161
	Type <Tp>	[0..1]	Text		2162
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2162

29.1.9.3.6.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.6.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2443

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.

29.1.9.3.6.16.5 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 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1746
	CashBack <CshBck>	[0..1]	Amount		1746
	Gratuity <Grtty>	[0..1]	Amount		1746
	Fees <Fees>	[0..*]	±		1746
	Rebate <Rbt>	[0..*]	±		1747
	ValueAddedTax <ValAddedTax>	[0..*]	±		1747
	Surcharge <Srchr>	[0..*]	±		1747

29.1.9.3.6.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2447

29.1.9.3.6.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2426

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

29.1.9.3.6.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2454

29.1.9.3.6.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2403

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.

29.1.9.3.6.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2150
	Conversion <Convs>	[0..1]			2150
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <AplblBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2156

29.1.9.3.6.16.13.1 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 2449):

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

29.1.9.3.6.16.13.2 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2152
	TargetCurrency <TrgtCcy>	[1..1]			2152
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2153
	ExchangeRate <XchgRate>	[1..1]	Rate		2153
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2153
	QuotationDate <QtnDt>	[0..1]	DateTime		2153
	ValidFrom <VldFr>	[0..1]	DateTime		2153
	ValidUntil <VldUntil>	[0..1]	DateTime		2153
	SourceCurrency <SrcCcy>	[1..1]			2153
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154
	ApplicableBinRange <ApplBinRg>	[0..*]			2154
	LowerBin <LwrBin>	[1..1]	Text		2155
	HigherBin <HghrBin>	[1..1]	Text		2155
	OriginalAmount <OrgnlAmt>	[0..1]			2155
	ActualAmount <ActlAmt>	[0..1]	Amount		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155
	CommissionDetails <ComssnDtls>	[0..*]			2156
	Amount <Amt>	[1..1]	Amount		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	MarkUpDetails <MrkUpDtls>	[0..*]			2156
	Rate <Rate>	[1..1]	Rate		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156
	DeclarationDetails <DclrtDtls>	[0..*]	±		2156

29.1.9.3.6.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.3.6.16.13.2.2 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	2152
	NumericCode <NmrcCd>	[1..1]	Text		2152
	Decimal <Dcml>	[1..1]	Quantity		2152
	Name <Nm>	[0..1]	Text		2152

29.1.9.3.6.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.6.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.6.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.9.3.6.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.13.2.4 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 2450

29.1.9.3.6.16.13.2.5 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 2450

29.1.9.3.6.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.9.3.6.16.13.2.9 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	2154
	NumericCode <NmrcCd>	[0..1]	Text		2154
	Decimal <Dcml>	[0..1]	Quantity		2154
	Name <Nm>	[0..1]	Text		2154

29.1.9.3.6.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.6.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.6.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.9.3.6.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.6.16.13.2.10 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		2155
	HigherBin <HghrBin>	[1..1]	Text		2155

29.1.9.3.6.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.6.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.6.16.13.2.11 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		2155
	MinimumAmount <MinAmt>	[0..1]	Amount		2155
	MaximumAmount <MaxAmt>	[0..1]	Amount		2155

29.1.9.3.6.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.13.2.12 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		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156

29.1.9.3.6.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.9.3.6.16.13.2.13 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		2156
	AdditionalInformation <AddtlInf>	[0..1]	Text		2156

29.1.9.3.6.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.9.3.6.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.9.3.6.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrCdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.3.6.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment7" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1760
	PlanIdentification <PlanId>	[0..1]	Text		1760
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1760
	SequenceNumber <SeqNb>	[0..1]	Quantity		1760
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1760
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1761
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1761
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1761
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1761
	FirstAmount <FrstAmt>	[0..1]	Amount		1762
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1762
	LastAmount <LastAmt>	[0..1]	Amount		1762
	Charges <Chrgs>	[0..1]	Amount		1762
	DetailedCharges <DtldChrgs>	[0..*]	±		1762
	InterestRate <IntrstRate>	[0..*]			1762
	Type <Tp>	[0..1]	CodeSet		1763
	OtherType <OthrTp>	[0..1]	Text		1763
	Period <Prd>	[1..1]	CodeSet		1763
	Rate <Rate>	[1..1]	Rate		1763
	GracePeriod <GracePrd>	[0..*]	±		1763
	PlanNotice <PlanNtce>	[0..*]	±		1764

29.1.9.3.6.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction7](#)" on page 2192 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

29.1.9.3.6.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.9.3.6.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2451

29.1.9.3.6.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2048
	ProductCode <PdctCd>	[1..1]	Text		2048
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2048
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2048
	ProductQuantity <PdctQty>	[0..1]	Quantity		2050
	UnitPrice <UnitPric>	[0..1]	Amount		2050
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2050
	ProductAmount <PdctAmt>	[1..1]	Amount		2051
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2051
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2051
	TaxType <TaxTp>	[0..1]	Text		2051
	ProductDescription <PdctDesc>	[0..1]	Text		2051
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2051
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2051
	SaleChannel <SaleChanl>	[0..1]	Text		2052
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2052

29.1.9.3.6.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.3.6.16.20 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 2450

29.1.9.3.6.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.9.3.6.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2450

29.1.9.3.6.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.6.16.24 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		2161
	Value <Val>	[0..1]	Binary		2161
	ProtectedValue <PrctcdVal>	[0..1]	±		2161
	Type <Tp>	[0..1]	Text		2162

29.1.9.3.6.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.9.3.6.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.9.3.6.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.9.3.6.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2451

29.1.9.3.6.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2385

29.1.9.3.6.17 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]	±		2162
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2163
	Response <Rspn>	[1..1]	CodeSet		2163
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2164

29.1.9.3.6.17.1 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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.9.3.6.17.2 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		2163
	ResponseReason <RspnRsn>	[0..1]	Text		2163
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2164

29.1.9.3.6.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2436

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).

29.1.9.3.6.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2454

29.1.9.3.6.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.9.3.6.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

29.1.9.3.6.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2456

29.1.9.3.6.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

29.1.9.3.6.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2380 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2380
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2380
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2380
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2381
	TokenRequestor <TknRqstr>	[0..1]			2381
	ProviderIdentification <PrvdrId>	[1..1]	Text		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2381
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2381
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2381
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2382

29.1.9.3.6.21 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 2449):

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

29.1.9.3.6.22 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 2454

29.1.9.3.6.23 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 2454

29.1.9.3.6.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2456

29.1.9.3.6.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2456

29.1.9.3.6.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2456

29.1.9.3.6.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2456

29.1.9.3.6.28 MessageFromMerchant <MsgFrMrchnt>

Presence: [0..*]

Definition: Message from a merchant to be displayed on the cardholder bank statement.

MessageFromMerchant <MsgFrMrchnt> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2166
	MessageToPresent <MsgToPres>	[0..1]	±		2167
	RemoteAccess <RmotAccs>	[0..1]	±		2168
	Retry <Rtry>	[0..1]	±		2168
	TimeCondition <TmCond>	[0..1]	±		2169

29.1.9.3.6.28.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
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.

29.1.9.3.6.28.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage12](#)" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.3.6.28.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.9.3.6.28.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.9.3.6.28.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.9.3.7 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction152** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			2172
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2172
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2173
	Response <Rspn>	[1..1]	CodeSet		2173
	ResponseReason <RspnRsn>	[0..1]	Text		2173
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2173
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		2173
	TMSTrigger <TMSTrggr>	[0..1]			2174
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174
	AllowedProductCode <AllwdPdctCd>	[0..*]			2174
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2175
	ProductCode <PdctCd>	[1..1]	Text		2176
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2176
	AmountLimit <AmtLmt>	[0..1]	Amount		2176
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2176
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2176
	Balance <Bal>	[0..1]	±		2178
	ProtectedBalance <PrctcdBal>	[0..1]	±		2178
	Action <Actn>	[0..*]			2179
	ActionType <ActnTp>	[1..1]	CodeSet		2179
	MessageToPresent <MsgToPres>	[0..1]	±		2180
	RemoteAccess <RmotAccs>	[0..1]	±		2181
	Retry <Rtry>	[0..1]	±		2181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		2182
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			2182
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2184
	TargetCurrency <TrgtCcy>	[1..1]			2184
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2184
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185
	ResultingAmount <RsltAmt>	[0..1]	Amount		2185
	ExchangeRate <XchgRate>	[1..1]	Rate		2185
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2185
	QuotationDate <QtnDt>	[0..1]	DateTime		2185
	ValidFrom <VldFr>	[0..1]	DateTime		2185
	ValidUntil <VldUntil>	[0..1]	DateTime		2185
	SourceCurrency <SrcCcy>	[1..1]			2185
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186
	ApplicableBinRange <AplblBinRg>	[0..*]			2186
	LowerBin <LwrBin>	[1..1]	Text		2187
	HigherBin <HghrBin>	[1..1]	Text		2187
	OriginalAmount <OrgnlAmt>	[0..1]			2187
	ActualAmount <ActlAmt>	[0..1]	Amount		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187
	CommissionDetails <ComssnDtls>	[0..*]			2188
	Amount <Amt>	[1..1]	Amount		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	MarkUpDetails <MrkUpDtls>	[0..*]			2188
	Rate <Rate>	[1..1]	Rate		2188

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2188

29.1.9.3.7.1 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]	±		2172
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2173
	Response <Rspn>	[1..1]	CodeSet		2173
	ResponseReason <RspnRsn>	[0..1]	Text		2173
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2173
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2173
	TMSTrigger <TMSTrggr>	[0..1]			2174
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174

29.1.9.3.7.1.1 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 2040 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2040
	Type <Tp>	[1..1]	CodeSet		2040
	Issuer <Issr>	[0..1]	CodeSet		2040
	Country <Ctry>	[0..1]	Text		2041
	ShortName <ShrtNm>	[0..1]	Text		2041

29.1.9.3.7.1.2 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		2173
	ResponseReason <RspnRsn>	[0..1]	Text		2173
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2173

29.1.9.3.7.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2436

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).

29.1.9.3.7.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2454

29.1.9.3.7.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2452

29.1.9.3.7.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2457

29.1.9.3.7.1.4 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 2449):

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

29.1.9.3.7.1.5 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		2174
	TMSIdentification <TMSId>	[0..1]	Text		2174
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2174

29.1.9.3.7.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 2441

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.

29.1.9.3.7.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 2454

29.1.9.3.7.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime"](#) on page 2447

29.1.9.3.7.2 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		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175

29.1.9.3.7.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.3 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		2175
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2175

29.1.9.3.7.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.4 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		2176
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2176
	AmountLimit <AmtLmt>	[0..1]	Amount		2176
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2176
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2176

29.1.9.3.7.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2456

29.1.9.3.7.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2449

29.1.9.3.7.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2444

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.

29.1.9.3.7.5 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 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Currency <Ccy>	[1..1]	CodeSet	C1	1748
	Sign <Sgn>	[0..1]	Indicator		1748

29.1.9.3.7.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.3.7.7 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2179
	MessageToPresent <MsgToPres>	[0..1]	±		2180
	RemoteAccess <RmotAccs>	[0..1]	±		2181
	Retry <Rtry>	[0..1]	±		2181
	TimeCondition <TmCond>	[0..1]	±		2182

29.1.9.3.7.7.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2387

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.

29.1.9.3.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.3.7.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.9.3.7.7.4 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 2377 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.9.3.7.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2378 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.9.3.7.8 CurrencyConversionEligibility <CcyConvslgblty>

Presence: [0..1]

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

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2184
	TargetCurrency <TrgtCcy>	[1..1]			2184
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2184
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2185
	ExchangeRate <XchgRate>	[1..1]	Rate		2185
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2185
	QuotationDate <QtnDt>	[0..1]	DateTime		2185
	ValidFrom <VldFr>	[0..1]	DateTime		2185
	ValidUntil <VldUntil>	[0..1]	DateTime		2185
	SourceCurrency <SrcCcy>	[1..1]			2185
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186
	ApplicableBinRange <AplblBinRg>	[0..*]			2186
	LowerBin <LwrBin>	[1..1]	Text		2187
	HigherBin <HghrBin>	[1..1]	Text		2187
	OriginalAmount <OrgnlAmt>	[0..1]			2187
	ActualAmount <ActlAmt>	[0..1]	Amount		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187
	CommissionDetails <ComssnDtls>	[0..*]			2188
	Amount <Amt>	[1..1]	Amount		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188
	MarkUpDetails <MrkUpDtls>	[0..*]			2188
	Rate <Rate>	[1..1]	Rate		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2188

29.1.9.3.7.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2454

29.1.9.3.7.8.2 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	2184
	NumericCode <NmrcCd>	[1..1]	Text		2184
	Decimal <Dcml>	[1..1]	Quantity		2184
	Name <Nm>	[0..1]	Text		2185

29.1.9.3.7.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.7.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.7.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2449

29.1.9.3.7.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.7.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.8.4 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 2450

29.1.9.3.7.8.5 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 2450

29.1.9.3.7.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2447

29.1.9.3.7.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2447

29.1.9.3.7.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2447

29.1.9.3.7.8.9 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	2186
	NumericCode <NmrcCd>	[0..1]	Text		2186
	Decimal <Dcml>	[0..1]	Quantity		2186
	Name <Nm>	[0..1]	Text		2186

29.1.9.3.7.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.3.7.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2451

29.1.9.3.7.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2449

29.1.9.3.7.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2454

29.1.9.3.7.8.10 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		2187
	HigherBin <HghrBin>	[1..1]	Text		2187

29.1.9.3.7.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.7.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2452

29.1.9.3.7.8.11 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		2187
	MinimumAmount <MinAmt>	[0..1]	Amount		2187
	MaximumAmount <MaxAmt>	[0..1]	Amount		2187

29.1.9.3.7.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.8.12 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		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188

29.1.9.3.7.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.3.7.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2454

29.1.9.3.7.8.13 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		2188
	AdditionalInformation <AddtlInf>	[0..1]	Text		2188

29.1.9.3.7.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2450

29.1.9.3.7.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2454

29.1.9.3.7.8.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.3.8 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 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

29.1.9.3.9 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		2190
	ImageData <ImgData>	[0..1]	Binary		2190
	ImageReference <ImgRef>	[0..1]	Text		2191
	AdditionalInformation <AddtlInf>	[0..1]	Text		2191

29.1.9.3.9.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "[Max35Text](#)" on page 2454

29.1.9.3.9.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "[Max2MBBinary](#)" on page 2386

29.1.9.3.9.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: ["Max500Text" on page 2455](#)

29.1.9.3.9.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: ["Max140Text" on page 2452](#)

29.1.9.3.10 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctcdCaptrdSgntr> contains the following elements (see ["ContentInformationType40" on page 2371](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.3.11 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 2449](#)):

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

29.1.9.3.12 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: [C13 "ValidationByTable"](#)

Datatype: ["LanguageCode" on page 2420](#)

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

29.1.9.3.13 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 2449):

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

29.1.9.4 RecurringTransaction7

Definition: Element related to recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2192
	SequenceNumber <SeqNb>	[0..1]	Quantity		2192
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2192
	GracePeriod <GracePrd>	[0..*]	±		2193
	PlanNotice <PlanNtce>	[0..*]	±		2193

29.1.9.4.1 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the recurring plan.

Datatype: ["Max35Text"](#) on page 2454

29.1.9.4.2 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring occurrence of the transaction (1 = 1st recurring, 2 = 2nd recurring, etc.).

Datatype: ["Number"](#) on page 2449

29.1.9.4.3 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: ["Frequency3Code"](#) on page 2417

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.

CodeName	Name	Definition
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

29.1.9.4.4 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod1](#)" on page 1750 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1751
	UnitType <UnitTp>	[1..1]	CodeSet		1751
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1751

29.1.9.4.5 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the RecurringPlan.

PlanNotice <PlanNtce> contains the following elements (see "ActionMessage12" on page 2194 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.5 ActionMessage12

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2195
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2195
	Format <Frmt>	[0..1]	CodeSet		2196
	MessageContent <MsgCntt>	[0..1]	Text		2197
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2197
	OutputBarcode <OutptBrcd>	[0..1]			2197
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2199
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2199

29.1.9.5.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface9Code" on page 2446

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.
CSTM	CustomerStatement	Cardholder bank statement.

29.1.9.5.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 2418

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.

29.1.9.5.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 2427

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.

CodeName	Name	Definition
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

29.1.9.5.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 2453

29.1.9.5.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType38" on page 2353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2353
	AuthenticatedData <AuthntcdData>	[0..1]	±		2354
	SignedData <SgndData>	[0..1]	±		2354

29.1.9.5.6 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		2197
	BarcodeValue <BrcdVal>	[0..1]	Text		2198
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2198
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2198
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2198
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2199

29.1.9.5.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 2402

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.

29.1.9.5.6.2 BarcodeValue <BrCdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 2456

29.1.9.5.6.3 QRCodeBinaryValue <QRCDBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Response Code.

Datatype: "Max3000Binary" on page 2386

29.1.9.5.6.4 QRCodeVersion <QRCDVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 2452

29.1.9.5.6.5 QRCodeEncodingMode <QRCDNcodgMd>

Presence: [0..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 2434

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.

29.1.9.5.6.6 QRCodeErrorCorrection <QRCDerrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 2434

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%

29.1.9.5.7 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 2449):

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

29.1.9.5.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 2449

29.1.9.6 PointOfInteractionComponent18

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		2201
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2202
	Identification <Id>	[1..1]			2203
	ItemNumber <ItmNb>	[0..1]	Text		2203
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2203
	Identification <Id>	[0..1]	Text		2203
	SerialNumber <SrlNb>	[0..1]	Text		2203
	Status <Sts>	[0..1]			2203
	VersionNumber <VrsnNb>	[0..1]	Text		2204
	Status <Sts>	[0..1]	CodeSet		2204
	ExpiryDate <XpryDt>	[0..1]	Date		2204
	StandardCompliance <StdCmplc>	[0..*]			2204
	Identification <Id>	[1..1]	Text		2204
	Version <Vrsn>	[1..1]	Text		2205
	Issuer <Issr>	[1..1]	Text		2205
	Characteristics <Chrtcs>	[0..1]			2205
	Memory <Mmry>	[0..*]			2206
	Identification <Id>	[1..1]	Text		2207
	TotalSize <TtlSz>	[1..1]	Quantity		2207
	FreeSize <FreeSz>	[1..1]	Quantity		2207
	Unit <Unit>	[1..1]	CodeSet		2207
	Communication <Com>	[0..*]			2207
	CommunicationType <ComTp>	[1..1]	CodeSet		2208
	RemoteParty <RmotPty>	[1..*]	CodeSet		2209
	Active <Actv>	[1..1]	Indicator		2209
	Parameters <Params>	[0..1]	±		2209
	PhysicalInterface <PhysIntrfc>	[0..1]			2210
	InterfaceName <IntrfcNm>	[1..1]	Text		2210
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2210
	UserName <UsrNm>	[0..1]	Text		2211
	AccessCode <AccsCd>	[0..1]	Binary		2211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		2211
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2211
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2212
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2212
	SecurityElement <SctyElmt>	[0..*]	±		2212
	Assessment <Assmnt>	[0..*]			2213
	Type <Tp>	[1..1]	CodeSet		2214
	Assigner <Assgnr>	[1..*]	Text		2214
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2214
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2214
	Number <Nb>	[1..1]	Text		2214
	Package <Packg>	[0..*]			2215
	PackageIdentification <PackgId>	[0..1]	±		2215
	PackageLength <PackgLngh>	[0..1]	Quantity		2215
	OffsetStart <OffsetStart>	[0..1]	Quantity		2215
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2216
	PackageBlock <PackgBlck>	[0..*]			2216
	Identification <Id>	[1..1]	Text		2216
	Value <Val>	[0..1]	Binary		2216
	ProtectedValue <PrctcdVal>	[0..1]	±		2216
	Type <Tp>	[0..1]	Text		2217
	ProbeValue <PrbVal>	[0..1]	Binary		2217

29.1.9.6.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType7Code" on page 2432

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.

29.1.9.6.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 2456

29.1.9.6.3 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		2203
	ProviderIdentification <PrvdrId>	[0..1]	Text		2203
	Identification <Id>	[0..1]	Text		2203
	SerialNumber <SrlNb>	[0..1]	Text		2203

29.1.9.6.3.1 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 2454

29.1.9.6.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2454

29.1.9.6.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 2453

29.1.9.6.3.4 SerialNumber <SrlNb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 2453

29.1.9.6.4 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		2204
	Status <Sts>	[0..1]	CodeSet		2204
	ExpiryDate <XpryDt>	[0..1]	Date		2204

29.1.9.6.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 2453

29.1.9.6.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 2432

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.

29.1.9.6.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 2447

29.1.9.6.5 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		2204
	Version <Vrsn>	[1..1]	Text		2205
	Issuer <Issr>	[1..1]	Text		2205

29.1.9.6.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 2454

29.1.9.6.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 2454

29.1.9.6.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

29.1.9.6.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			2206
	Identification <Id>	[1..1]	Text		2207
	TotalSize <TtlSz>	[1..1]	Quantity		2207
	FreeSize <FreeSz>	[1..1]	Quantity		2207
	Unit <Unit>	[1..1]	CodeSet		2207
	Communication <Com>	[0..*]			2207
	CommunicationType <ComTp>	[1..1]	CodeSet		2208
	RemoteParty <RmotPty>	[1..*]	CodeSet		2209
	Active <Actv>	[1..1]	Indicator		2209
	Parameters <Params>	[0..1]	±		2209
	PhysicalInterface <PhysIntrfc>	[0..1]			2210
	InterfaceName <IntrfcNm>	[1..1]	Text		2210
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2210
	UserName <UsrNm>	[0..1]	Text		2211
	AccessCode <AccsCd>	[0..1]	Binary		2211
	SecurityProfile <SctyPrfl>	[0..1]	Text		2211
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2211
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2212
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2212
	SecurityElement <SctyElmt>	[0..*]	±		2212

29.1.9.6.6.1 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		2207
	TotalSize <TtlSz>	[1..1]	Quantity		2207
	FreeSize <FreeSz>	[1..1]	Quantity		2207
	Unit <Unit>	[1..1]	CodeSet		2207

29.1.9.6.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 2454

29.1.9.6.6.1.2 TotalSize <TtISz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 2449

29.1.9.6.6.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 2449

29.1.9.6.6.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 2422

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.

29.1.9.6.6.2 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		2208
	RemoteParty <RmotPty>	[1..*]	CodeSet		2209
	Active <Actv>	[1..1]	Indicator		2209
	Parameters <Params>	[0..1]	±		2209
	PhysicalInterface <PhysIntrfc>	[0..1]			2210
	InterfaceName <IntrfcNm>	[1..1]	Text		2210
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2210
	UserName <UsrNm>	[0..1]	Text		2211
	AccessCode <AccsCd>	[0..1]	Binary		2211
	SecurityProfile <SctyPrfl>	[0..1]	Text		2211
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2211

29.1.9.6.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 2431

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.

29.1.9.6.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 2429

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.

29.1.9.6.6.2.3 Active <Actv>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2449):

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

29.1.9.6.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "[NetworkParameters7](#)" on page 2298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <CIntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.9.6.6.2.5 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		2210
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2210
	UserName <UsrNm>	[0..1]	Text		2211
	AccessCode <AccsCd>	[0..1]	Binary		2211
	SecurityProfile <SctyPrfl>	[0..1]	Text		2211
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2211

29.1.9.6.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 2454

29.1.9.6.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 2431

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.

CodeName	Name	Definition
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.

29.1.9.6.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 2454

29.1.9.6.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 2386

29.1.9.6.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 2454

29.1.9.6.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 2385

29.1.9.6.6.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 2449

29.1.9.6.6.4 SubscriberIdentityModules <SbcbriDntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 2449

29.1.9.6.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey19" on page 2332 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2333
	KeyIdentification <KeyId>	[0..1]	Text		2333
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2334
	Name <Nm>	[0..1]	Text		2334
	SecurityProfile <SctyPrfl>	[0..1]	Text		2334
	ItemNumber <ItmNb>	[0..1]	Text		2334
	SequenceNumber <SeqNb>	[0..1]	Quantity		2334
	Version <Vrsn>	[0..1]	Text		2334
	KeyVersion <KeyVrsn>	[0..1]	Text		2334
	Type <Tp>	[0..1]	CodeSet		2335
	Function <Fctn>	[0..*]	CodeSet		2336
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2336
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2336
	KeyValue <KeyVal>	[0..1]	±		2337
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2337
	Identification <Id>	[1..1]	Text		2337
	Type <Tp>	[1..1]	CodeSet		2337
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2338
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2338
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2338
	Name <Nm>	[1..1]	Text		2338
	Value <Val>	[0..1]	Text		2339
	DerivationAlgorithmIdentifier <DerivtnAlgoldr>	[0..1]	Text		2339
	AlgorithmIdentifier <Algoldr>	[0..1]	Text		2339

29.1.9.6.7 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		2214
	Assigner <Assgnr>	[1..*]	Text		2214
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2214
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2214
	Number <Nb>	[1..1]	Text		2214

29.1.9.6.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 2432

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.

29.1.9.6.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 2454

29.1.9.6.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 2447

29.1.9.6.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 2447

29.1.9.6.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 2454

29.1.9.6.8 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
	Packageldentification <PackgId>	[0..1]	±		2215
	PackageLength <PackgLngh>	[0..1]	Quantity		2215
	OffsetStart <OffsetStart>	[0..1]	Quantity		2215
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2216
	PackageBlock <PackgBlck>	[0..*]			2216
	Identification <Id>	[1..1]	Text		2216
	Value <Val>	[0..1]	Binary		2216
	ProtectedValue <PrctcdVal>	[0..1]	±		2216
	Type <Tp>	[0..1]	Text		2217

29.1.9.6.8.1 Packageldentification <PackgId>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

Packageldentification <PackgId> contains the following elements (see "[GenericIdentification176](#)" on page 2038 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2038
	Type <Tp>	[0..1]	CodeSet		2038
	Issuer <Issr>	[0..1]	CodeSet		2039
	Country <Ctry>	[0..1]	Text		2039
	ShortName <ShrtNm>	[0..1]	Text		2039

29.1.9.6.8.2 PackageLength <PackgLngh>

Presence: [0..1]

Definition: Full length of software package identified through Packageldentification.

Datatype: "[PositiveNumber](#)" on page 2450

29.1.9.6.8.3 OffsetStart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through Packageldentification.

Datatype: "PositiveNumber" on page 2450

29.1.9.6.8.4 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 2450

29.1.9.6.8.5 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		2216
	Value <Val>	[0..1]	Binary		2216
	ProtectedValue <PrctcdVal>	[0..1]	±		2216
	Type <Tp>	[0..1]	Text		2217

29.1.9.6.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.9.6.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.9.6.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.9.6.8.5.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2451

29.1.9.6.9 ProbeValue <PrbVal>

Presence: [0..1]

Definition: Provides the value recorded by this probe.

Datatype: "[Max35Binary](#)" on page 2386

29.1.9.7 Vehicle2

Definition: Additional information related to a vehicle.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2217
	EntryMode <NtryMd>	[0..1]	CodeSet		2217
	Data <Data>	[1..1]	Text		2218

29.1.9.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "[Max35Text](#)" on page 2454

29.1.9.7.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "[CardDataReading5Code](#)" on page 2404

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).

CodeName	Name	Definition
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.

29.1.9.7.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 2454

29.1.9.8 CardPaymentEnvironment82

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2224
	ServiceProvider <SvcPrvdr>	[0..1]	±		2225
	Merchant <Mrchnt>	[0..1]			2225
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228
	POI <POI>	[0..1]			2228
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231
	Card <Card>	[0..1]			2233
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236
	Track2 <Trck2>	[0..1]	Text		2236

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238
	Check <Chck>	[0..1]			2238
	BankIdentification <Bkld>	[0..1]	Text		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241
	StoredValueAccount <StordValAcct>	[0..*]			2241
	AccountType <AcctTp>	[0..1]	CodeSet		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242
	Brand <Brnd>	[0..1]	Text		2243

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244
	LoyaltyAccount <LtyAcct>	[0..*]	±		2244
	CustomerDevice <CstmrDvc>	[0..1]	±		2245
	Wallet <Wlt>	[0..1]	±		2245
	PaymentToken <PmtTkn>	[0..1]	±		2245
	MerchantToken <MrchntTkn>	[0..1]	±		2246
	Cardholder <Crhldr>	[0..1]			2246
	Identification <Id>	[0..1]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BllgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrdhldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2264

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271
	Geolocation <Glctn>	[0..1]			2271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2273
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		2273
	SaleEnvironment <SaleEnv>	[0..1]			2274
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2276

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.9.8.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1737
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1738

29.1.9.8.2 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Third party agent which provides services.

ServiceProvider <SvcPrvdr> contains the following elements (see "Acquirer10" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1737
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1738

29.1.9.8.3 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 **Organisation45** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2225
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227
	CommonName <CmonNm>	[0..1]	Text		2227
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2227
	LocationAndContact <LctnAndCtct>	[0..1]	±		2227
	SchemeData <SchmeData>	[0..1]	Text		2228

29.1.9.8.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2226
	Type <Tp>	[0..1]	CodeSet		2226
	Issuer <Issr>	[0..1]	CodeSet		2226
	ShortName <ShrtNm>	[0..1]	Text		2227

29.1.9.8.3.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.8.3.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType35Code" on page 2428

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

29.1.9.8.3.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2429

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.

CodeName	Name	Definition
TAXH	TaxAuthority	Tax authority.

29.1.9.8.3.1.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2454

29.1.9.8.3.2 CommonName <CmonNm>

Presence: [0..1]

Definition: Name of the merchant as appearing on the receipt.

Datatype: "Max70Text" on page 2456

29.1.9.8.3.3 LocationCategory <LctnCtgy>

Presence: [0..1]

Definition: Location category of the place where the merchant actually performed the transaction.

Datatype: "LocationCategory4Code" on page 2421

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.

29.1.9.8.3.4 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 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1744
	Email <Email>	[0..1]	Text		1745
	URLAddress <URLAdr>	[0..1]	Text		1745
	Phone <Phne>	[0..1]	Text		1745
	CustomerService <CstmrSvc>	[0..1]	Text		1745
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1745

29.1.9.8.3.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "[Max140Text](#)" on page 2452

29.1.9.8.4 POI <POI>

Presence: [0..1]

Definition: Point of interaction (POI) performing the transaction.

POI <POI> contains the following **PointOfInteraction16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2228
	SystemName <SysNm>	[0..1]	Text		2229
	GroupIdentification <GrpId>	[0..1]	Text		2229
	Capabilities <Cpblties>	[0..1]	±		2229
	TimeZone <TmZone>	[0..1]	Text		2230
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2230
	Component <Cmpnt>	[0..*]	±		2231

29.1.9.8.4.1 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 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

29.1.9.8.4.2 SystemName <SysNm>

Presence: [0..1]

Definition: Common name assigned by the acquirer to the POI (Point Of Interaction) system.

Datatype: "[Max70Text](#)" on page 2456

29.1.9.8.4.3 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 2454

29.1.9.8.4.4 Capabilities <Cpbilities>

Presence: [0..1]

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

Capabilities <Cpblties> contains the following elements (see "PointOfInteractionCapabilities11" on page 2276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2277
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2278
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2278
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2278
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2279
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2279
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2279
	MessageCapabilities <MsgCpblties>	[0..*]			2279
	Destination <Dstn>	[1..*]	CodeSet		2279
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2280
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2280
	LineWidth <LineWidth>	[0..1]	Quantity		2280
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2280

29.1.9.8.4.5 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 2456

29.1.9.8.4.6 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

Definition: Indicates the type of integration of the POI terminal in the sale environment.

Datatype: "LocationCategory3Code" on page 2421

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

29.1.9.8.4.7 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 "PointOfInteractionComponent18" on page 2199 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2201
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2202
	Identification <Id>	[1..1]			2203
	ItemNumber <ItmNb>	[0..1]	Text		2203
	ProviderIdentification <PrvdrId>	[0..1]	Text		2203
	Identification <Id>	[0..1]	Text		2203
	SerialNumber <SrlNb>	[0..1]	Text		2203
	Status <Sts>	[0..1]			2203
	VersionNumber <VrsnNb>	[0..1]	Text		2204
	Status <Sts>	[0..1]	CodeSet		2204
	ExpiryDate <XpryDt>	[0..1]	Date		2204
	StandardCompliance <StdCmplc>	[0..*]			2204
	Identification <Id>	[1..1]	Text		2204
	Version <Vrsn>	[1..1]	Text		2205
	Issuer <Issr>	[1..1]	Text		2205
	Characteristics <Chrtcs>	[0..1]			2205
	Memory <Mmry>	[0..*]			2206
	Identification <Id>	[1..1]	Text		2207
	TotalSize <TtlSz>	[1..1]	Quantity		2207
	FreeSize <FreeSz>	[1..1]	Quantity		2207
	Unit <Unit>	[1..1]	CodeSet		2207
	Communication <Com>	[0..*]			2207
	CommunicationType <ComTp>	[1..1]	CodeSet		2208
	RemoteParty <RmotPty>	[1..*]	CodeSet		2209
	Active <Actv>	[1..1]	Indicator		2209
	Parameters <Params>	[0..1]	±		2209
	PhysicalInterface <PhysIntrfc>	[0..1]			2210
	InterfaceName <IntrfcNm>	[1..1]	Text		2210
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2210
	UserName <UsrNm>	[0..1]	Text		2211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2211
	SecurityProfile <SctyPrfl>	[0..1]	Text		2211
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2211
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2212
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2212
	SecurityElement <SctyElmt>	[0..*]	±		2212
	Assessment <Assmnt>	[0..*]			2213
	Type <Tp>	[1..1]	CodeSet		2214
	Assigner <Assgnr>	[1..*]	Text		2214
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2214
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2214
	Number <Nb>	[1..1]	Text		2214
	Package <Packg>	[0..*]			2215
	PackageIdentification <PackgId>	[0..1]	±		2215
	PackageLength <PackgLngh>	[0..1]	Quantity		2215
	OffsetStart <OffsetStart>	[0..1]	Quantity		2215
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2216
	PackageBlock <PackgBlck>	[0..*]			2216
	Identification <Id>	[1..1]	Text		2216
	Value <Val>	[0..1]	Binary		2216
	ProtectedValue <PrctcdVal>	[0..1]	±		2216
	Type <Tp>	[0..1]	Text		2217
	ProbeValue <PrbVal>	[0..1]	Binary		2217

29.1.9.8.5 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]	±		2234
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2235
	PlainCardData <PlainCardData>	[0..1]			2235
	PAN <PAN>	[1..1]	Text		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2236
	MaskedPAN <MskdPAN>	[0..1]	Text		2237
	IssuerBIN <IssrBIN>	[0..1]	Text		2237
	CardCountryCode <CardCtryCd>	[0..1]	Text		2237
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2237
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2237
	CardBrand <CardBrnd>	[0..1]	Text		2237
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2237
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2238
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2238
	AllowedProduct <AllwdPdct>	[0..*]	Text		2238
	ServiceOption <SvcOptn>	[0..1]	Text		2238
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2238

29.1.9.8.5.1 ProtectedCardData <PrtctdCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

ProtectedCardData <PrctcdCardData> contains the following elements (see
"ContentInformationType40" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.8.5.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a private envelope.

Datatype: "Max100KBinary" on page 2385

29.1.9.8.5.3 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		2235
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2235
	EffectiveDate <FctvDt>	[0..1]	Text		2235
	ExpiryDate <XpryDt>	[0..1]	Text		2236
	ServiceCode <SvcCd>	[0..1]	Text		2236
	Track1 <Trck1>	[0..1]	Text		2236
	Track2 <Trck2>	[0..1]	Text		2236
	Track3 <Trck3>	[0..1]	Text		2236
	CardholderName <CrdhldrNm>	[0..1]	Text		2236

29.1.9.8.5.3.1 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 2458

29.1.9.8.5.3.2 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 2457

29.1.9.8.5.3.3 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 2451

29.1.9.8.5.3.4 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 2451

29.1.9.8.5.3.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 2451

29.1.9.8.5.3.6 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 2456

29.1.9.8.5.3.7 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 2454

29.1.9.8.5.3.8 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 2451

29.1.9.8.5.3.9 CardholderName <CrdrHldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 2455

29.1.9.8.5.4 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 2456

29.1.9.8.5.5 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 2454

29.1.9.8.5.6 IssuerBIN <IssrBIN>

Presence: [0..1]

Definition: Bank identifier number of the issuer for routing purpose.

Datatype: "Max15NumericText" on page 2452

29.1.9.8.5.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

Datatype: "Max3Text" on page 2455

29.1.9.8.5.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

Definition: Currency code of the card issuer (ISO 4217 numeric code).

Datatype: "Exact3AlphaNumericText" on page 2450

29.1.9.8.5.9 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 2454

29.1.9.8.5.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2454

29.1.9.8.5.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 2409

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.

29.1.9.8.5.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 2454

29.1.9.8.5.13 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 2449):

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

29.1.9.8.5.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 2456

29.1.9.8.5.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 2454

29.1.9.8.5.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 2456

29.1.9.8.6 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		2239
	AccountNumber <AcctNb>	[0..1]	Text		2239
	CheckNumber <ChckNb>	[0..1]	Text		2239
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2239
	CheckTrackData2 <ChckTrckData2>	[0..1]			2239
	TrackNumber <TrckNb>	[0..1]	Quantity		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240
	CheckType <ChckTp>	[0..1]	CodeSet		2240
	Country <Ctry>	[0..1]	Text		2241

29.1.9.8.6.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 2454

29.1.9.8.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 2454

29.1.9.8.6.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 2454

29.1.9.8.6.4 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 2454

29.1.9.8.6.5 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		2240
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2240
	TrackValue <TrckVal>	[1..1]	Text		2240

29.1.9.8.6.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 2449

29.1.9.8.6.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 2442

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.

29.1.9.8.6.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 2452

29.1.9.8.6.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 2409

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.

29.1.9.8.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 2455

29.1.9.8.7 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		2241
	IdentificationType <IdTp>	[0..1]	CodeSet		2242
	Identification <Id>	[0..1]	Text		2242
	Brand <Brnd>	[0..1]	Text		2243
	Provider <Prvdr>	[0..1]	Text		2243
	OwnerName <OwnrNm>	[0..1]	Text		2243
	ExpiryDate <XpryDt>	[0..1]	Text		2243
	EntryMode <NtryMd>	[0..1]	CodeSet		2243
	Currency <Ccy>	[0..1]	CodeSet	C1	2244
	Balance <Bal>	[0..1]	Amount		2244

29.1.9.8.7.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2439

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.

29.1.9.8.7.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2406

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.

29.1.9.8.7.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2454

29.1.9.8.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2454

29.1.9.8.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2454

29.1.9.8.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2455

29.1.9.8.7.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2451

29.1.9.8.7.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2405

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.)

29.1.9.8.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.8.7.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.8.8 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

29.1.9.8.9 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 2037 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2037
	Type <Tp>	[0..1]	Text		2037
	Provider <Prvdr>	[0..1]	Text		2038

29.1.9.8.10 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 2037 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2037
	Type <Tp>	[0..1]	Text		2037
	Provider <Prvdr>	[0..1]	Text		2038

29.1.9.8.11 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "Token1" on page 2379 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2379
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2379
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2379
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2379
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2379
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2380

29.1.9.8.12 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "MerchantToken2" on page 2382 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2382
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2382
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2382
	TokenRequestor <TknRqstr>	[0..1]			2383
	ProviderIdentification <Prvdrlld>	[1..1]	Text		2383
	RequestorIdentification <Rqstrld>	[1..1]	Text		2383
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2383
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2383
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2383
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2383

29.1.9.8.13 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]			2250
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253
	Name <Nm>	[0..1]	Text		2253
	Language <Lang>	[0..1]	CodeSet	C13	2253
	BillingAddress <BllgAdr>	[0..1]	±		2254
	ShippingAddress <ShppgAdr>	[0..1]	±		2254
	TripNumber <TripNb>	[0..1]	Text		2255
	Vehicle <Vhcl>	[0..1]	±		2255
	Authentication <Authntcn>	[0..*]			2256
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBick>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrhdldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2267
	Method <Mtd>	[1..1]	CodeSet		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <Rslt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRslt>	[0..1]	Text		2269
	PersonalData <PrsnlData>	[0..1]	Text		2270
	MobileData <MobData>	[0..*]			2270
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2272
	SensitiveMobileData <SnstvMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2273

29.1.9.8.13.1 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		2250
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2250
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2251
	DriverIdentification <DrvrId>	[0..1]	Text		2251
	CustomerNumber <CstmrNb>	[0..1]	Text		2251
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2251
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2251
	PassportNumber <PsptNb>	[0..1]	Text		2251
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2251
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2251
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2252
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2252
	JobNumber <JobNb>	[0..1]	Text		2252
	Department <Dept>	[0..1]	Text		2252
	EmailAddress <EmailAdr>	[0..1]	Text		2252
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2252
	BirthDate <BirthDt>	[1..1]	Date		2252
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253
	Other <Othr>	[0..*]	±		2253

29.1.9.8.13.1.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

Definition: Number assigned to an employer by a registration authority.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.15 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2453

29.1.9.8.13.1.16 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		2252
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2253
	CityOfBirth <CityOfBirth>	[1..1]	Text		2253
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2253

29.1.9.8.13.1.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2447

29.1.9.8.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2410

Constraints

- **Country**

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

29.1.9.8.13.1.17 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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	IdentificationType <IdTp>	[1..1]	Text		2046

29.1.9.8.13.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 2455

29.1.9.8.13.3 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 2420

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.9.8.13.4 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 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2320
	Department <Dept>	[0..1]	Text		2320
	SubDepartment <SubDept>	[0..1]	Text		2320
	AddressLine <AdrLine>	[0..2]	Text		2320
	StreetName <StrtNm>	[0..1]	Text		2321
	BuildingNumber <BldgNb>	[0..1]	Text		2321
	PostCode <PstCd>	[0..1]	Text		2321
	TownName <TwnNm>	[0..1]	Text		2321
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2321
	CountryCode <CtryCd>	[0..1]	Text		2321

29.1.9.8.13.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 2319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2320
	Department <Dept>	[0..1]	Text		2320
	SubDepartment <SubDept>	[0..1]	Text		2320
	AddressLine <AdrLine>	[0..2]	Text		2320
	StreetName <StrtNm>	[0..1]	Text		2321
	BuildingNumber <BldgNb>	[0..1]	Text		2321
	PostCode <PstCd>	[0..1]	Text		2321
	TownName <TwnNm>	[0..1]	Text		2321
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2321
	CountryCode <CtryCd>	[0..1]	Text		2321

29.1.9.8.13.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.7 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 2291 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2291
	TrailerNumber <TrlrNb>	[0..1]	Text		2291
	VehicleTag <VhclTag>	[0..1]	Text		2291
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2292
	UnitNumber <UnitNb>	[0..1]	Text		2292
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2292
	Odometer <Odmtr>	[0..1]	Quantity		2292
	Hubometer <Hbmtr>	[0..1]	Quantity		2293
	TrailerHours <TrlrHrs>	[0..1]	Text		2293
	ReferHours <RefrHrs>	[0..1]	Text		2293
	Maintenanceldentification <Mntncld>	[0..1]	Text		2293
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2293
	PAN <PAN>	[0..1]	Text		2293
	Track1 <Trck1>	[0..1]	Text		2293
	Track2 <Trck2>	[0..1]	Text		2294
	Track3 <Trck3>	[0..1]	Text		2294
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2294
	EntryMode <NtryMd>	[0..1]	CodeSet		2294
	AdditionalVehicleData <AddtlVhclData>	[0..*]	±		2295

29.1.9.8.13.8 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		2258
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2259
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2260
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2260
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2260
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261
	CardholderIdentification <CrhdldrId>	[0..1]			2261
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265
	AddressVerification <AdrVrfctn>	[0..1]			2265

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2266
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2266
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2266
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2266
	Identification <Id>	[1..1]	Text		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267

29.1.9.8.13.8.1 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 2400

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.

29.1.9.8.13.8.2 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 2413

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.

29.1.9.8.13.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 2386

29.1.9.8.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType40" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.8.13.8.5 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]	±		2260
	PINFormat <PINFrmt>	[1..1]	CodeSet		2261
	AdditionalInput <AddtlInpt>	[0..1]	Text		2261

29.1.9.8.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType40" on page 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.8.13.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

Definition: PIN (Personal Identification Number) format before encryption.

Datatype: "PINFormat3Code" on page 2430

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.

29.1.9.8.13.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

Definition: Additional information required to verify the PIN (Personal Identification Number).

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6 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		2262
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2262
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2262
	DriverIdentification <DrvrId>	[0..1]	Text		2263
	CustomerNumber <CstmrNb>	[0..1]	Text		2263
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2263
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2263
	PassportNumber <PsptNb>	[0..1]	Text		2263
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2263
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2263
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2263
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2264
	JobNumber <JobNb>	[0..1]	Text		2264
	Department <Dept>	[0..1]	Text		2264
	EmailAddress <EmailAdr>	[0..1]	Text		2264
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2264
	BirthDate <BirthDt>	[1..1]	Date		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265
	Other <Othr>	[0..*]	±		2265

29.1.9.8.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.6 SocialSecurityNumber <ScIStctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

Definition: Number assigned to an employer by a registration authority.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2453

29.1.9.8.13.8.6.16 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		2264
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2264
	CityOfBirth <CityOfBirth>	[1..1]	Text		2265
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2265

29.1.9.8.13.8.6.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2447

29.1.9.8.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.8.6.16.4 CountryOfBirth <CtrOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2410

Constraints

- **Country**

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

29.1.9.8.13.8.6.17 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 2046 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2046
	IdentificationType <IdTp>	[1..1]	Text		2046

29.1.9.8.13.8.7 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		2265
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2266

29.1.9.8.13.8.7.1 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 2456

29.1.9.8.13.8.7.2 PostalCodeDigits <PstlCdDgts>

Presence: [0..1]

Definition: Numeric characters from the cardholder's postal code.

Datatype: "Max5NumericText" on page 2456

29.1.9.8.13.8.8 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 2454

29.1.9.8.13.8.9 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 2454

29.1.9.8.13.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 2402

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.

29.1.9.8.13.8.11 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		2267
	Value <Val>	[0..1]	Binary		2267
	ProtectedValue <PrctcdVal>	[0..1]	±		2267
	Type <Tp>	[0..1]	Text		2267

29.1.9.8.13.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2451

29.1.9.8.13.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2385

29.1.9.8.13.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.9.8.13.8.11.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2451

29.1.9.8.13.9 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		2268
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2269
	Result <RsIt>	[0..1]	CodeSet		2269
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2269

29.1.9.8.13.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 2399

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.

29.1.9.8.13.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 2399

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.

29.1.9.8.13.9.3 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 2446

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.

29.1.9.8.13.9.4 AdditionalResult <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 2455

29.1.9.8.13.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 2456

29.1.9.8.13.11 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		2270
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2270
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2271
	Geolocation <Glctn>	[0..1]			2271
	GeographicCoordinates <GeogcCordints>	[0..1]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272
	SensitiveMobileData <SnstivMobData>	[0..1]			2272
	MSISDN <MSISDN>	[1..1]	Text		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2273

29.1.9.8.13.11.1 MobileCountryCode <MobCtryCd>

Presence: [0..1]

Definition: Identifies the country of a mobile phone operator.

Datatype: "Min2Max3AlphaText" on page 2457

29.1.9.8.13.11.2 MobileNetworkCode <MobNtwkCd>

Presence: [0..1]

Definition: Identifies the mobile phone operator inside a country.

Datatype: "Min2Max3NumericText" on page 2457

29.1.9.8.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.11.4 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]			2271
	Latitude <Lat>	[1..1]	Text		2271
	Longitude <Long>	[1..1]	Text		2271
	UTMCoordinates <UTMCordints>	[0..1]			2272
	UTMZone <UTMZone>	[1..1]	Text		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272

29.1.9.8.13.11.4.1 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		2271
	Longitude <Long>	[1..1]	Text		2271

29.1.9.8.13.11.4.1.1 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 2454

29.1.9.8.13.11.4.1.2 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 2454

29.1.9.8.13.11.4.2 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		2272
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2272
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2272

29.1.9.8.13.11.4.2.1 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 2454

29.1.9.8.13.11.4.2.2 UTMEastward <UTMEstwrdr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator
coordinate system.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.11.4.2.3 UTMNorthward <UTMNrthwrdr>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator
coordinate system.

Datatype: "Max35Text" on page 2454

29.1.9.8.13.11.5 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		2273
	IMSI <IMSI>	[0..1]	Text		2273
	IMEI <IMEI>	[0..1]	Text		2273

29.1.9.8.13.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

Definition: identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

Datatype: "Max35NumericText" on page 2454

29.1.9.8.13.11.5.2 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 2454

29.1.9.8.13.11.5.3 IMEI <IMEI>

Presence: [0..1]

Definition: International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

Datatype: "Max35NumericText" on page 2454

29.1.9.8.13.11.6 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 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.8.14 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 2371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.9.8.15 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		2274
	Currency <Ccy>	[0..1]	CodeSet	C1	2275
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2275
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2275
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2276
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2276
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2276

29.1.9.8.15.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 2438

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.

29.1.9.8.15.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.8.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.8.15.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.8.15.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.8.15.6 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 2449):

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

29.1.9.8.15.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 2421

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.

29.1.9.9 PointOfInteractionCapabilities11

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2277
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2278
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2278
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2278
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2279
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2279
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2279
	MessageCapabilities <MsgCpblties>	[0..*]			2279
	Destination <Dstn>	[1..*]	CodeSet		2279
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2280
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2280
	LineWidth <LineWidth>	[0..1]	Quantity		2280
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2280

29.1.9.9.1 CardReadingCapabilities <CardRdngCpblties>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 2405

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.)

29.1.9.9.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 2405

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.

29.1.9.9.3 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 2450

29.1.9.9.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 2450

29.1.9.9.5 MaxScriptLength <MxScrptLngth>

Presence: [0..1]

Definition: Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

Datatype: "PositiveNumber" on page 2450

29.1.9.9.6 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 2449):

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

29.1.9.9.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 2426

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.

29.1.9.9.8 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 **DisplayCapabilities7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..*]	CodeSet		2279
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2280
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2280
	LineWidth <LineWidth>	[0..1]	Quantity		2280
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2280

29.1.9.9.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface9Code" on page 2446

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.
CSTM	CustomerStatement	Cardholder bank statement.

29.1.9.9.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 2427

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.

29.1.9.9.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 2449

29.1.9.9.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 2449

29.1.9.9.8.5 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 2420

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.9.10 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2281
	EntryMode <NtryMd>	[0..1]	CodeSet		2281
	IdentificationType <IdTp>	[0..1]	CodeSet		2282
	Brand <Brnd>	[0..1]	Text		2282
	Provider <Prvdr>	[0..1]	Text		2282
	OwnerName <OwnrNm>	[0..1]	Text		2282
	Unit <Unit>	[0..1]	CodeSet		2283
	Currency <Ccy>	[0..1]	CodeSet	C1	2283
	Balance <Bal>	[0..1]	Amount		2283

29.1.9.10.1 LoyaltyIdentification <Ltyld>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "Max35Text" on page 2454

29.1.9.10.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "CardDataReading8Code" on page 2405

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.

CodeName	Name	Definition
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.9.10.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 2406

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.

29.1.9.10.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2454

29.1.9.10.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 2454

29.1.9.10.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2455

29.1.9.10.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 2398

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.9.10.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.10.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.11 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2284
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2284
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2284
	IndividualPayment <IndvPmt>	[0..*]			2284
	Amount <Amt>	[1..1]	Amount		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.9.11.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: "ISODatetime" on page 2447

29.1.9.11.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: "ISODatetime" on page 2447

29.1.9.11.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: "Number" on page 2449

29.1.9.11.4 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		2285
	DateTime <DtTm>	[1..1]	DateTime		2285
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2285
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		2285
	Label <Labl>	[0..1]	Text		2286

29.1.9.11.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.11.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: "ISODateTime" on page 2447

29.1.9.11.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: "CardDataReading8Code" on page 2405

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.)

29.1.9.11.4.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 2385

29.1.9.11.4.5 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 2452

29.1.9.12 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2286
	Content <Cntt>	[0..1]	Binary		2286

29.1.9.12.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 2410

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).

29.1.9.12.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 2385

29.1.9.13 CustomerOrder1

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2287
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2287
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2287
	StartDate <StartDt>	[1..1]	DateTime		2287
	EndDate <EndDt>	[0..1]	DateTime		2287
	Unit <Unit>	[0..1]	CodeSet		2288
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2288
	CurrentAmount <CurAmt>	[0..1]	Amount		2288
	Currency <Ccy>	[0..1]	CodeSet	C1	2288
	AccessedBy <AccsdBy>	[0..1]	Text		2288
	AdditionalInformation <AddtlInf>	[0..1]	Text		2288

29.1.9.13.1 CustomerOrderIdentification <CstmrOrdrlId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 2454

29.1.9.13.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 2454

29.1.9.13.3 OpenOrderState <OpnOrdStat>

Presence: [0..1]

Definition: Specifies if a customer order is currently open.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2449):

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

29.1.9.13.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODateTime" on page 2447

29.1.9.13.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODateTime" on page 2447

29.1.9.13.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 2398

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.9.13.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.13.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 2384

29.1.9.13.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2388

Constraints

- **ActiveCurrency**

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

29.1.9.13.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 2454

29.1.9.13.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 2451

29.1.9.14 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2289
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2289
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2290

29.1.9.14.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 2435

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.

29.1.9.14.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 2436

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.

CodeName	Name	Definition
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

29.1.9.14.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 2452

29.1.9.15 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		2291
	TrailerNumber <TrlrNb>	[0..1]	Text		2291
	VehicleTag <VhclTag>	[0..1]	Text		2291
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2292
	UnitNumber <UnitNb>	[0..1]	Text		2292
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2292
	Odometer <Odmtr>	[0..1]	Quantity		2292
	Hubometer <Hbmtr>	[0..1]	Quantity		2293
	TrailerHours <TrlrHrs>	[0..1]	Text		2293
	ReferHours <RefrHrs>	[0..1]	Text		2293
	Maintenanceldentification <Mntncld>	[0..1]	Text		2293
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2293
	PAN <PAN>	[0..1]	Text		2293
	Track1 <Trck1>	[0..1]	Text		2293
	Track2 <Trck2>	[0..1]	Text		2294
	Track3 <Trck3>	[0..1]	Text		2294
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2294
	EntryMode <NtryMd>	[0..1]	CodeSet		2294
	AdditionalVehicleData <AddtlVhclData>	[0..*]	±		2295

29.1.9.15.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 2454

29.1.9.15.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 2454

29.1.9.15.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: ["Max35Text" on page 2454](#)

29.1.9.15.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: ["CardDataReading5Code" on page 2404](#)

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.

29.1.9.15.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: ["Max35NumericText" on page 2454](#)

29.1.9.15.6 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 2449](#)):

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

29.1.9.15.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: ["DecimalNumber" on page 2449](#)

29.1.9.15.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 2449

29.1.9.15.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 2454

29.1.9.15.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 2454

29.1.9.15.11 MaintenanceIdentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 2454

29.1.9.15.12 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		2293
	Track1 <Trck1>	[0..1]	Text		2293
	Track2 <Trck2>	[0..1]	Text		2294
	Track3 <Trck3>	[0..1]	Text		2294
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2294
	EntryMode <NtryMd>	[0..1]	CodeSet		2294

29.1.9.15.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 2458

29.1.9.15.12.2 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 2456

29.1.9.15.12.3 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 2454

29.1.9.15.12.4 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 2451

29.1.9.15.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 2454

29.1.9.15.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 2404

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.

29.1.9.15.13 AdditionalVehicleData <AddtlVhclData>

Presence: [0..*]

Definition: Additional information related to the vehicle.

AdditionalVehicleData <AddtlVhclData> contains the following elements (see ["Vehicle2"](#) on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2217
	EntryMode <NtryMd>	[0..1]	CodeSet		2217
	Data <Data>	[1..1]	Text		2218

29.1.9.16 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		2295
	Envelope <Envlp>	[1..1]	(External Schema)		2295

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.

29.1.9.16.1 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 2454

29.1.9.16.2 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.

29.1.9.17 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2296
	TransactionReference <TxRef>	[1..1]	Text		2296

29.1.9.17.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODateTime" on page 2447

29.1.9.17.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 2454

29.1.10 Monitoring

29.1.10.1 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]	±		2296
	ProtocolName <PrtcolNm>	[0..1]	Text		2297
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2297
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2297
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2297

29.1.10.1.1 RelayIdentification <RlayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlyId> contains the following elements (see "[GenericIdentification177](#)" on page 2041 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2042
	Type <Tp>	[0..1]	CodeSet		2042
	Issuer <Issr>	[0..1]	CodeSet		2043
	Country <Ctry>	[0..1]	Text		2043
	ShortName <ShrtNm>	[0..1]	Text		2043
	RemoteAccess <RmotAccs>	[0..1]	±		2044
	Geolocation <Glctn>	[0..1]			2044
	GeographicCoordinates <GeogcCordints>	[0..1]			2044
	Latitude <Lat>	[1..1]	Text		2045
	Longitude <Long>	[1..1]	Text		2045
	UTMCoordinates <UTMCordints>	[0..1]			2045
	UTMZone <UTMZone>	[1..1]	Text		2045
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2045
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2046

29.1.10.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "[Max35Text](#)" on page 2454

29.1.10.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "[Max6Text](#)" on page 2456

29.1.10.1.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2447

29.1.10.1.5 TraceDateTimeout <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2447

29.1.11 Network Access

29.1.11.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2298
	UserName <UsrNm>	[0..1]	Text		2298
	AccessCode <AccsCd>	[0..1]	Binary		2298
	ServerCertificate <SvrCert>	[0..*]	Binary		2298
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2299
	ClientCertificate <ClntCert>	[0..*]	Binary		2299
	SecurityProfile <SctyPrfl>	[0..1]	Text		2299

29.1.11.1.1 Address <Adr>

Presence: [1..*]

Definition: Network addresses of the host.

Address <Adr> contains the following elements (see ["NetworkParameters9"](#) on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2299
	AddressValue <AdrVal>	[1..1]	Text		2299

29.1.11.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: ["Max35Text"](#) on page 2454

29.1.11.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: ["Max35Binary"](#) on page 2386

29.1.11.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: ["Max10KBinary"](#) on page 2385

29.1.11.1.5 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 2385

29.1.11.1.6 ClientCertificate <ClntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 2385

29.1.11.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 2454

29.1.11.2 NetworkParameters9

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2299
	AddressValue <AdrVal>	[1..1]	Text		2299

29.1.11.2.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 2425

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

29.1.11.2.2 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 2455

29.1.12 Party Identification

29.1.12.1 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		2300
	PostalAddress <PstlAdr>	[0..1]	±		2301
	Identification <Id>	[0..1]			2301
{Or	OrganisationIdentification <OrgId>	[1..1]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2307
	ContactDetails <CtctDtls>	[0..1]	±		2307

29.1.12.1.1 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 2452

29.1.12.1.2 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 2314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			2314
{Or	Code <Cd>	[1..1]	CodeSet		2315
Or}	Proprietary <Prtry>	[1..1]	±		2315
	CareOf <CareOf>	[0..1]	Text		2315
	Department <Dept>	[0..1]	Text		2315
	SubDepartment <SubDept>	[0..1]	Text		2315
	StreetName <StrtNm>	[0..1]	Text		2316
	BuildingNumber <BldgNb>	[0..1]	Text		2316
	BuildingName <BldgNm>	[0..1]	Text		2316
	Floor <Flr>	[0..1]	Text		2316
	UnitNumber <UnitNb>	[0..1]	Text		2316
	PostBox <PstBx>	[0..1]	Text		2316
	Room <Room>	[0..1]	Text		2316
	PostCode <PstCd>	[0..1]	Text		2316
	TownName <TwnNm>	[0..1]	Text		2317
	TownLocationName <TwnLctnNm>	[0..1]	Text		2317
	DistrictName <DstrctNm>	[0..1]	Text		2317
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2317
	Country <Ctry>	[0..1]	CodeSet	C4	2317
	AddressLine <AdrLine>	[0..7]	Text		2317

29.1.12.1.3 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]			2302
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification <Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304
Or}	PrivateIdentification <PrvtId>	[1..1]			2304
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307

29.1.12.1.3.1 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	2303
	LEI <LEI>	[0..1]	IdentifierSet		2303
	Other <Othr>	[0..*]			2303
	Identification </Id>	[1..1]	Text		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer </Issr>	[0..1]	Text		2304

29.1.12.1.3.1.1 AnyBIC <AnyBIC>

Presence: [0..1]

Definition: Business identification code of the organisation.

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2447

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.

29.1.12.1.3.1.2 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identification as an alternate identification for a party.

Datatype: "LEIIdentifier" on page 2448

29.1.12.1.3.1.3 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		2304
	SchemeName <SchmeNm>	[0..1]			2304
{Or	Code <Cd>	[1..1]	CodeSet		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304
	Issuer <Issr>	[0..1]	Text		2304

29.1.12.1.3.1.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max256Text" on page 2453

29.1.12.1.3.1.3.2 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		2304
Or}	Proprietary <Prtry>	[1..1]	Text		2304

29.1.12.1.3.1.3.2.1 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 2415

29.1.12.1.3.1.3.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2454

29.1.12.1.3.1.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

29.1.12.1.3.2 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]			2305
	BirthDate <BirthDt>	[1..1]	Date		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306
	Other <Othr>	[0..*]			2306
	Identification <Id>	[1..1]	Text		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307

29.1.12.1.3.2.1 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		2305
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2305
	CityOfBirth <CityOfBirth>	[1..1]	Text		2306
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2306

29.1.12.1.3.2.1.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2447

29.1.12.1.3.2.1.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2454

29.1.12.1.3.2.1.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2454

29.1.12.1.3.2.1.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2410

Constraints

- **Country**

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

29.1.12.1.3.2.2 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		2306
	SchemeName <SchmeNm>	[0..1]			2306
{Or	Code <Cd>	[1..1]	CodeSet		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307
	Issuer <Issr>	[0..1]	Text		2307

29.1.12.1.3.2.2.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person.

Datatype: "Max256Text" on page 2453

29.1.12.1.3.2.2.2 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		2307
Or}	Proprietary <Prtry>	[1..1]	Text		2307

29.1.12.1.3.2.2.2.1 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 2415

29.1.12.1.3.2.2.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2454

29.1.12.1.3.2.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2454

29.1.12.1.4 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 2410

Constraints

- **Country**

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

29.1.12.1.5 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 2310 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2311
	Name <Nm>	[0..1]	Text		2311
	PhoneNumber <PhneNb>	[0..1]	Text		2311
	MobileNumber <MobNb>	[0..1]	Text		2312
	FaxNumber <FaxNb>	[0..1]	Text		2312
	URLAddress <URLAdr>	[0..1]	Text		2312
	EmailAddress <EmailAdr>	[0..1]	Text		2312
	EmailPurpose <EmailPurp>	[0..1]	Text		2312
	JobTitle <JobTitl>	[0..1]	Text		2312
	Responsibility <Rspnsblty>	[0..1]	Text		2312
	Department <Dept>	[0..1]	Text		2312
	Other <Othr>	[0..*]			2313
	ChannelType <ChanlTp>	[1..1]	Text		2313
	Identification <Id>	[0..1]	Text		2313
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2313

29.1.13 Payment Type

29.1.13.1 PaymentTypeInfoInformation26

Definition: Provides further details of the type of payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2309
	ServiceLevel <SvcLvl>	[0..*]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309
	LocalInstrument <LclInstrm>	[0..1]			2309
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310
	CategoryPurpose <CtgyPurp>	[0..1]			2310
{Or	Code <Cd>	[1..1]	CodeSet		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.13.1.1 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 2434

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

29.1.13.1.2 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		2309
Or}	Proprietary <Prtry>	[1..1]	Text		2309

29.1.13.1.2.1 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 2416

29.1.13.1.2.2 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 2454

29.1.13.1.3 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		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.13.1.3.1 Code <Cd>

Presence: [1..1]

Definition: Specifies the local instrument, as published in an external local instrument code list.

Datatype: "ExternalLocalInstrument1Code" on page 2415

29.1.13.1.3.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Specifies the local instrument, as a proprietary code.

Datatype: "Max35Text" on page 2454

29.1.13.1.4 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		2310
Or}	Proprietary <Prtry>	[1..1]	Text		2310

29.1.13.1.4.1 Code <Cd>

Presence: [1..1]

Definition: Category purpose, as published in an external category purpose code list.

Datatype: "ExternalCategoryPurpose1Code" on page 2414

29.1.13.1.4.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Category purpose, in a proprietary form.

Datatype: "Max35Text" on page 2454

29.1.14 Person Identification

29.1.14.1 Contact13

Definition: Specifies the details of the contact person.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2311
	Name <Nm>	[0..1]	Text		2311
	PhoneNumber <PhneNb>	[0..1]	Text		2311
	MobileNumber <MobNb>	[0..1]	Text		2312
	FaxNumber <FaxNb>	[0..1]	Text		2312
	URLAddress <URLAdr>	[0..1]	Text		2312
	EmailAddress <EmailAdr>	[0..1]	Text		2312
	EmailPurpose <EmailPurp>	[0..1]	Text		2312
	JobTitle <JobTitl>	[0..1]	Text		2312
	Responsibility <Rspnsblty>	[0..1]	Text		2312
	Department <Dept>	[0..1]	Text		2312
	Other <Othr>	[0..*]			2313
	ChannelType <ChanlTp>	[1..1]	Text		2313
	Identification <Id>	[0..1]	Text		2313
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2313

29.1.14.1.1 NamePrefix <NmPrfx>

Presence: [0..1]

Definition: Specifies the terms used to formally address a person.

Datatype: "NamePrefix2Code" on page 2424

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).

29.1.14.1.2 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 2452

29.1.14.1.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2458

29.1.14.1.4 MobileNumber <MobNb>

Presence: [0..1]

Definition: Collection of information that identifies a mobile phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2458

29.1.14.1.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2458

29.1.14.1.6 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 2453

29.1.14.1.7 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2453

29.1.14.1.8 EmailPurpose <EmailPurp>

Presence: [0..1]

Definition: Purpose for which an email address may be used.

Datatype: "Max35Text" on page 2454

29.1.14.1.9 JobTitle <JobTitl>

Presence: [0..1]

Definition: Title of the function.

Datatype: "Max35Text" on page 2454

29.1.14.1.10 Responsibility <Rspnsblty>

Presence: [0..1]

Definition: Role of a person in an organisation.

Datatype: "Max35Text" on page 2454

29.1.14.1.11 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2456

29.1.14.1.12 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 <ChanTp>	[1..1]	Text		2313
	Identification <Id>	[0..1]	Text		2313

29.1.14.1.12.1 ChannelType <ChanTp>

Presence: [1..1]

Definition: Method used to contact the financial institution's contact for the specific tax region.

Datatype: "Max4Text" on page 2455

29.1.14.1.12.2 Identification <Id>

Presence: [0..1]

Definition: Communication value such as phone number or email address.

Datatype: "Max128Text" on page 2452

29.1.14.1.13 PreferredMethod <PrefrdMtd>

Presence: [0..1]

Definition: Preferred method used to reach the contact.

Datatype: "PreferredContactMethod2Code" on page 2433

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.

29.1.15 Postal Address

29.1.15.1 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]			2314
{Or	Code <Cd>	[1..1]	CodeSet		2315
Or}	Proprietary <Prtry>	[1..1]	±		2315
	CareOf <CareOf>	[0..1]	Text		2315
	Department <Dept>	[0..1]	Text		2315
	SubDepartment <SubDept>	[0..1]	Text		2315
	StreetName <StrtNm>	[0..1]	Text		2316
	BuildingNumber <BldgNb>	[0..1]	Text		2316
	BuildingName <BldgNm>	[0..1]	Text		2316
	Floor <Flr>	[0..1]	Text		2316
	UnitNumber <UnitNb>	[0..1]	Text		2316
	PostBox <PstBx>	[0..1]	Text		2316
	Room <Room>	[0..1]	Text		2316
	PostCode <PstCd>	[0..1]	Text		2316
	TownName <TwnNm>	[0..1]	Text		2317
	TownLocationName <TwnLctnNm>	[0..1]	Text		2317
	DistrictName <DstrctNm>	[0..1]	Text		2317
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2317
	Country <Ctry>	[0..1]	CodeSet	C4	2317
	AddressLine <AdrLine>	[0..7]	Text		2317

29.1.15.1.1 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		2315
Or}	Proprietary <Prtry>	[1..1]	±		2315

29.1.15.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Type of address expressed as a code.

Datatype: "AddressType2Code" on page 2389

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.

29.1.15.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Type of address expressed as a proprietary code.

Proprietary <Prtry> contains the following elements (see "GenericIdentification30" on page 2047 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2047
	Issuer <Issr>	[1..1]	Text		2047
	SchemeName <SchmeNm>	[0..1]	Text		2047

29.1.15.1.2 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 2452

29.1.15.1.3 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2456

29.1.15.1.4 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 2456

29.1.15.1.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max140Text" on page 2452

29.1.15.1.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2452

29.1.15.1.7 BuildingName <BldgNm>

Presence: [0..1]

Definition: Name of the building or house.

Datatype: "Max140Text" on page 2452

29.1.15.1.8 Floor <Flr>

Presence: [0..1]

Definition: Floor or storey within a building.

Datatype: "Max70Text" on page 2456

29.1.15.1.9 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identifies a flat or dwelling within the building.

Datatype: "Max16Text" on page 2452

29.1.15.1.10 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 2452

29.1.15.1.11 Room <Room>

Presence: [0..1]

Definition: Building room number.

Datatype: "Max70Text" on page 2456

29.1.15.1.12 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 2452

29.1.15.1.13 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max140Text" on page 2452

29.1.15.1.14 TownLocationName <TwnLctnNm>

Presence: [0..1]

Definition: Specific location name within the town.

Datatype: "Max140Text" on page 2452

29.1.15.1.15 DistrictName <DstrctNm>

Presence: [0..1]

Definition: Identifies a subdivision within a country sub-division.

Datatype: "Max140Text" on page 2452

29.1.15.1.16 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2454

29.1.15.1.17 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2410

Constraints

- **Country**

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

29.1.15.1.18 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 2456

29.1.15.2 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		2318
	AddressLine <AdrLine>	[0..5]	Text		2318
	StreetName <StrtNm>	[0..1]	Text		2318
	BuildingNumber <BldgNb>	[0..1]	Text		2318
	PostCode <PstCd>	[0..1]	Text		2319
	TownName <TwnNm>	[0..1]	Text		2319
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2319
	Country <Ctry>	[1..1]	CodeSet	C4	2319

29.1.15.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 2389

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.

29.1.15.2.2 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 2456

29.1.15.2.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 2456

29.1.15.2.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2452

29.1.15.2.5 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 2452

29.1.15.2.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 2454

29.1.15.2.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 2454

29.1.15.2.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2410

Constraints

- **Country**

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

29.1.15.3 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		2320
	Department <Dept>	[0..1]	Text		2320
	SubDepartment <SubDept>	[0..1]	Text		2320
	AddressLine <AdrLine>	[0..2]	Text		2320
	StreetName <StrtNm>	[0..1]	Text		2321
	BuildingNumber <BldgNb>	[0..1]	Text		2321
	PostCode <PstCd>	[0..1]	Text		2321
	TownName <TwnNm>	[0..1]	Text		2321
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2321
	CountryCode <CtryCd>	[0..1]	Text		2321

29.1.15.3.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 2389

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.

29.1.15.3.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2456

29.1.15.3.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 2456

29.1.15.3.4 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 2456

29.1.15.3.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 2456

29.1.15.3.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2452

29.1.15.3.7 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 2452

29.1.15.3.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 2456

29.1.15.3.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2454

29.1.15.3.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 2457

29.1.16 Secure Element

29.1.16.1 EnvelopedData1

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2322
	OriginatorInformation <OrgtrlInf>	[0..1]			2323
	Certificate <Cert>	[0..*]	Binary		2323
	Recipient <Rcpt>	[1..*]			2323
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2323
	Version <Vrsn>	[0..1]	Quantity		2324
	RecipientIdentification <RcptId>	[1..1]			2324
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2326
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2326
Or	KEK <KEK>	[1..1]	±		2327
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2327
	EncryptedContent <NcrptdCntt>	[0..1]			2327
	ContentType <CnttTp>	[1..1]	CodeSet		2328
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2328
	Algorithm <Algo>	[1..1]	CodeSet		2329
	Parameter <Param>	[0..1]			2331
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2331
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332
	EncryptedData <NcrptdData>	[1..1]	Binary		2332

29.1.16.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.1.2 OriginatorInformation <OrgtrInf>

Presence: [0..1]

Definition: Provides certificates of the originator.

OriginatorInformation <OrgtrInf> contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		2323

29.1.16.1.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 2386

29.1.16.1.3 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]			2323
	Version <Vrsn>	[0..1]	Quantity		2324
	RecipientIdentification <RcptId>	[1..1]			2324
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2326
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2326
Or	KEK <KEK>	[1..1]	±		2327
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2327

29.1.16.1.3.1 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		2324
	RecipientIdentification <RcptId>	[1..1]			2324
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2326
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2326

29.1.16.1.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.1.3.1.2 RecipientIdentification <RcptId>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <RcptId> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326

29.1.16.1.3.1.2.1 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]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrInb>	[1..1]	Binary		2326

29.1.16.1.3.1.2.1.1 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..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326

29.1.16.1.3.1.2.1.1.1 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		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326

29.1.16.1.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2399

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).

29.1.16.1.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2452

29.1.16.1.3.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2386

29.1.16.1.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2385

29.1.16.1.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2344
	Parameter <Param>	[0..1]			2344
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2345
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2345
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2346

29.1.16.1.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2386

29.1.16.1.3.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following elements (see "KEK9" on page 1738 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1739
	KEKIdentification <KEKId>	[1..1]	±		1739
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1739
	Algorithm <Algo>	[1..1]	CodeSet		1740
	Parameter <Param>	[0..1]			1742
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1742
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1743
	BytePadding <BPddg>	[0..1]	CodeSet		1743
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1743

29.1.16.1.3.3 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1743
	KeyVersion <KeyVrsn>	[1..1]	Text		1744
	SequenceNumber <SeqNb>	[0..1]	Quantity		1744
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1744

29.1.16.1.4 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		2328
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2328
	Algorithm <Algo>	[1..1]	CodeSet		2329
	Parameter <Param>	[0..1]			2331
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2331
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332
	EncryptedData <NcrptdData>	[1..1]	Binary		2332

29.1.16.1.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 2410

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).

29.1.16.1.4.2 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		2329
	Parameter <Param>	[0..1]			2331
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2331
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332

29.1.16.1.4.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2393

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.

29.1.16.1.4.2.2 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		2331
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332

29.1.16.1.4.2.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2413

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.

29.1.16.1.4.2.2.2 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2386

29.1.16.1.4.2.2.3 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 2403

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.

29.1.16.1.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 2385

29.1.16.2 CryptographicKey19

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2333
	KeyIdentification <KeyId>	[0..1]	Text		2333
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2334
	Name <Nm>	[0..1]	Text		2334
	SecurityProfile <SctyPrfl>	[0..1]	Text		2334
	ItemNumber <ItmNb>	[0..1]	Text		2334
	SequenceNumber <SeqNb>	[0..1]	Quantity		2334
	Version <Vrsn>	[0..1]	Text		2334
	KeyVersion <KeyVrsn>	[0..1]	Text		2334
	Type <Tp>	[0..1]	CodeSet		2335
	Function <Fctn>	[0..*]	CodeSet		2336
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2336
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2336
	KeyValue <KeyVal>	[0..1]	±		2337
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2337
	Identification <Id>	[1..1]	Text		2337
	Type <Tp>	[1..1]	CodeSet		2337
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2338
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2338
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2338
	Name <Nm>	[1..1]	Text		2338
	Value <Val>	[0..1]	Text		2339
	DerivationAlgorithmIdentifier <DerivtnAlgoldr>	[0..1]	Text		2339
	AlgorithmIdentifier <Algoldr>	[0..1]	Text		2339

29.1.16.2.1 Identification <Id>

Presence: [0..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 2454

29.1.16.2.2 KeyIdentification <KeyId>

Presence: [0..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 2454

29.1.16.2.3 AdditionalIdentification <AddtIld>

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 2386

29.1.16.2.4 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 2453

29.1.16.2.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 2454

29.1.16.2.6 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 2454

29.1.16.2.7 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Sequence number of the cryptographic key.

Datatype: "Number" on page 2449

29.1.16.2.8 Version <Vrsn>

Presence: [0..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 2453

29.1.16.2.9 KeyVersion <KeyVrsn>

Presence: [0..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 2453

29.1.16.2.10 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType5Code" on page 2410

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).
UKA2	UKPTAES192	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).
UKA6	UKPTAES256	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 256 bits length key. FIPS 197 - 6 November 2001).
RSAC	RSA	Rivest, Shamir and Adleman.
ECCC	ECC	Elliptic-curve cryptography.
DKAE	DUKPTAES	DUKPT AES (Derived Unique Key Per Transaction) algorithm.
UKA8	UKPTAES128	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 128 bits length key. FIPS 197 - 6 November 2001).

29.1.16.2.11 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 2420

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.

29.1.16.2.12 ActivationDate <Actvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODateTime" on page 2447

29.1.16.2.13 DeactivationDate <Deactvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 2447

29.1.16.2.14 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "[ContentInformationType39](#)" on page 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.16.2.15 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		2337
	Type <Tp>	[1..1]	CodeSet		2337

29.1.16.2.15.1 Identification <Id>

Presence: [1..1]

Definition: Identification of an element in the system.

Datatype: "[Max256Text](#)" on page 2453

29.1.16.2.15.2 Type <Tp>

Presence: [1..1]

Definition: Type of actor in the system.

Datatype: "[PartyType7Code](#)" on page 2429

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).

CodeName	Name	Definition
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

29.1.16.2.16 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 2356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.16.2.17 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 2386

29.1.16.2.18 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		2338
	Value <Val>	[0..1]	Text		2339

29.1.16.2.18.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 2456

29.1.16.2.18.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2452

29.1.16.2.19 DerivationAlgorithmIdentifier <DerivtnAlgoIdr>

Presence: [0..1]

Definition: Identification of the derivation algorithm that must be used.

Datatype: "Max140Text" on page 2452

29.1.16.2.20 AlgorithmIdentifier <AlgoIdr>

Presence: [0..1]

Definition: Identification of the algorithm and mode that must be used.

Datatype: "Max140Text" on page 2452

29.1.16.3 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		2339
	Parameter <Param>	[0..1]			2342
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2342
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2343
	SaltLength <SaltLngth>	[0..1]	Quantity		2343
	TrailerField <TrlrFld>	[0..1]	Quantity		2343
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2344

29.1.16.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm29Code" on page 2395

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).

CodeName	Name	Definition
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

CodeName	Name	Definition
EF33	EcfdsdaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsdaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsdaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsdaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

CodeName	Name	Definition
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.

29.1.16.3.2 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		2342
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2343
	SaltLength <SaltLngth>	[0..1]	Quantity		2343
	TrailerField <TrlrFld>	[0..1]	Quantity		2343
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2344

29.1.16.3.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2389

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.

29.1.16.3.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 2375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2375
	Parameter <Param>	[0..1]			2376
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2376

29.1.16.3.2.3 SaltLength <SaltLngth>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 2449

29.1.16.3.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 2449

29.1.16.3.2.5 OIDCurveName <OIDCrvNm>

Presence: [0..1]

Definition: Name of the Elliptic Curve according to the OID notation.

Datatype: "Max140Text" on page 2452

29.1.16.4 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		2344
	Parameter <Param>	[0..1]			2344
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2345
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2345
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2346

29.1.16.4.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 2397

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

29.1.16.4.2 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 <NcprtnFrmt>	[0..1]	CodeSet		2345
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2345
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2346

29.1.16.4.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2413

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.

29.1.16.4.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2389

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.

29.1.16.4.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "[AlgorithmIdentification34](#)" on page 2375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2375
	Parameter <Param>	[0..1]			2376
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2376

29.1.16.5 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		2347
	Recipient <Rcpt>	[1..*]			2347
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2348
	Version <Vrsn>	[0..1]	Quantity		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351
Or	KEK <KEK>	[1..1]	±		2351
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2352
	MACAlgorithm <MACAlgo>	[1..1]	±		2352
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2353
	MAC <MAC>	[1..1]	Binary		2353

29.1.16.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.5.2 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]			2348
	Version <Vrsn>	[0..1]	Quantity		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351
Or	KEK <KEK>	[1..1]	±		2351
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2352

29.1.16.5.2.1 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		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351

29.1.16.5.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.5.2.1.2 RecipientIdentification <RcptId>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <RcptId> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351

29.1.16.5.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350

29.1.16.5.2.1.2.1.1 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..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350

29.1.16.5.2.1.2.1.1.1 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		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350

29.1.16.5.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2399

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).

29.1.16.5.2.1.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2452

29.1.16.5.2.1.2.1.2 SerialNumber <SrInb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2386

29.1.16.5.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2385

29.1.16.5.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2344
	Parameter <Param>	[0..1]			2344
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2345
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2345
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2346

29.1.16.5.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2386

29.1.16.5.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following elements (see "[KEK9](#)" on page 1738 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1739
	KEKIdentification <KEKId>	[1..1]	±		1739
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1739
	Algorithm <Algo>	[1..1]	CodeSet		1740
	Parameter <Param>	[0..1]			1742
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1742
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1743
	BytePadding <BPddg>	[0..1]	CodeSet		1743
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1743

29.1.16.5.2.3 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "[KEKIdentifier7](#)" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1743
	KeyVersion <KeyVrsn>	[1..1]	Text		1744
	SequenceNumber <SeqNb>	[0..1]	Quantity		1744
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1744

29.1.16.5.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "[AlgorithmIdentification31](#)" on page 2368 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2368
	Parameter <Param>	[0..1]			2370
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2371
	BytePadding <BPddg>	[0..1]	CodeSet		2371

29.1.16.5.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2286
	Content <Cntt>	[0..1]	Binary		2286

29.1.16.5.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 2385

29.1.16.6 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		2353
	AuthenticatedData <AuthntcdData>	[0..1]	±		2354
	SignedData <SgndData>	[0..1]	±		2354

29.1.16.6.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "[ContentType2Code](#)" on page 2410

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).

29.1.16.6.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "[AuthenticatedData10](#)" on [page 2346](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2347
	Recipient <Rcpt>	[1..*]			2347
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2348
	Version <Vrsn>	[0..1]	Quantity		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351
Or	KEK <KEK>	[1..1]	±		2351
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2352
	MACAlgorithm <MACAlgo>	[1..1]	±		2352
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2353
	MAC <MAC>	[1..1]	Binary		2353

29.1.16.6.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 2361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2361
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2361
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2362
	Certificate <Cert>	[0..*]	Binary		2362
	Signer <Sgnr>	[0..*]			2362
	Version <Vrsn>	[0..1]	Quantity		2363
	SignerIdentification <SgnrId>	[0..1]			2363
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2364
	Issuer <Issr>	[1..1]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2365
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2365
	SignedAttributes <SgndAttrbts>	[0..*]			2366
	Name <Nm>	[1..1]	Text		2366
	Value <Val>	[0..1]	Text		2366
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2366
	Signature <Sgntr>	[1..1]	Binary		2367

29.1.16.7 DigestedData6

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2355
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2356
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2356
	Digest <Dgst>	[1..1]	Binary		2356

29.1.16.7.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.7.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification36" on page 2367 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2367

29.1.16.7.3 EncapsulatedContent <NcpltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpltdCntt> contains the following elements (see "EncapsulatedContent3" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2286
	Content <Cntt>	[0..1]	Binary		2286

29.1.16.7.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 2385

29.1.16.8 ContentInformationType39

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2356
	EnvelopedData <EnvlpdData>	[0..1]	±		2357
	AuthenticatedData <AuthntcdData>	[0..1]	±		2358
	SignedData <SgndData>	[0..1]	±		2359
	DigestedData <DgstdData>	[0..1]	±		2360

29.1.16.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2410

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).

29.1.16.8.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData11" on page 2321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2322
	OriginatorInformation <OrgtrlInf>	[0..1]			2323
	Certificate <Cert>	[0..*]	Binary		2323
	Recipient <Rcpt>	[1..*]			2323
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2323
	Version <Vrsn>	[0..1]	Quantity		2324
	RecipientIdentification <RcptId>	[1..1]			2324
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2326
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2326
Or	KEK <KEK>	[1..1]	±		2327
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2327
	EncryptedContent <NcrptdCntt>	[0..1]			2327
	ContentType <CnttTp>	[1..1]	CodeSet		2328
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2328
	Algorithm <Algo>	[1..1]	CodeSet		2329
	Parameter <Param>	[0..1]			2331
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2331
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332
	EncryptedData <NcrptdData>	[1..1]	Binary		2332

29.1.16.8.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2347
	Recipient <Rcpt>	[1..*]			2347
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2348
	Version <Vrsn>	[0..1]	Quantity		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351
Or	KEK <KEK>	[1..1]	±		2351
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2352
	MACAlgorithm <MACAlgo>	[1..1]	±		2352
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2353
	MAC <MAC>	[1..1]	Binary		2353

29.1.16.8.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "[SignedData9](#)" on page 2361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2361
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2361
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2362
	Certificate <Cert>	[0..*]	Binary		2362
	Signer <Sgnr>	[0..*]			2362
	Version <Vrsn>	[0..1]	Quantity		2363
	SignerIdentification <SgnrId>	[0..1]			2363
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2364
	Issuer <Issr>	[1..1]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2365
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2365
	SignedAttributes <SgndAttrbts>	[0..*]			2366
	Name <Nm>	[1..1]	Text		2366
	Value <Val>	[0..1]	Text		2366
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2366
	Signature <Sgntr>	[1..1]	Binary		2367

29.1.16.8.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstdData> contains the following elements (see "[DigestedData6](#)" on page 2355 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2355
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2356
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2356
	Digest <Dgst>	[1..1]	Binary		2356

29.1.16.9 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		2361
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2361
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2362
	Certificate <Cert>	[0..*]	Binary		2362
	Signer <Sgnr>	[0..*]			2362
	Version <Vrsn>	[0..1]	Quantity		2363
	SignerIdentification <Sgnrld>	[0..1]			2363
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2364
	Issuer <Issr>	[1..1]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365
Or}	SubjectKeyIdentifier <Sbjtkyldr>	[1..1]	Binary		2365
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2365
	SignedAttributes <SgndAttrbts>	[0..*]			2366
	Name <Nm>	[1..1]	Text		2366
	Value <Val>	[0..1]	Text		2366
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2366
	Signature <Sgntr>	[1..1]	Binary		2367

29.1.16.9.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2449

29.1.16.9.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification36](#)" on page 2367 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2367

29.1.16.9.3 EncapsulatedContent <NcpsltdCntt>

Presence: [0..1]

Definition: Data to sign.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2286
	Content <Cntt>	[0..1]	Binary		2286

29.1.16.9.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "[Max5000Binary](#)" on page 2386

29.1.16.9.5 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		2363
	SignerIdentification <SgnrId>	[0..1]			2363
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2364
	Issuer <Issr>	[1..1]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2365
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2365
	SignedAttributes <SgndAttrbts>	[0..*]			2366
	Name <Nm>	[1..1]	Text		2366
	Value <Val>	[0..1]	Text		2366
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2366
	Signature <Sgntr>	[1..1]	Binary		2367

29.1.16.9.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 2449

29.1.16.9.5.2 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]			2364
	Issuer <Issr>	[1..1]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2365

29.1.16.9.5.2.1 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]			2364
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365
	SerialNumber <SrlNb>	[1..1]	Binary		2365

29.1.16.9.5.2.1.1 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..*]			2364
	AttributeType <AttrTp>	[1..1]	CodeSet		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365

29.1.16.9.5.2.1.1.1 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		2365
	AttributeValue <AttrVal>	[1..1]	Text		2365

29.1.16.9.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2399

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).

29.1.16.9.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2452

29.1.16.9.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2386

29.1.16.9.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2385

29.1.16.9.5.3 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 2367 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2367

29.1.16.9.5.4 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		2366
	Value <Val>	[0..1]	Text		2366

29.1.16.9.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 2456

29.1.16.9.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2452

29.1.16.9.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification33" on page 2339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2339
	Parameter <Param>	[0..1]			2342
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2342
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2343
	SaltLength <SaltLngth>	[0..1]	Quantity		2343
	TrailerField <TrlrFld>	[0..1]	Quantity		2343
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2344

29.1.16.9.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 2386

29.1.16.10 AlgorithmIdentification36

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2367

29.1.16.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2389

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.

29.1.16.11 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		2368
	Parameter <Param>	[0..1]			2370
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2371
	BytePadding <BPddg>	[0..1]	CodeSet		2371

29.1.16.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm27Code" on page 2390

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.

29.1.16.11.2 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		2371
	BytePadding <BPddg>	[0..1]	CodeSet		2371

29.1.16.11.2.1 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2386

29.1.16.11.2.2 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 2403

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.

29.1.16.12 ContentInformationType40

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2371
	EnvelopedData <EnvlpdData>	[1..1]	±		2372

29.1.16.12.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2410

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).

29.1.16.12.2 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 2321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2322
	OriginatorInformation <OrgtrlInf>	[0..1]			2323
	Certificate <Cert>	[0..*]	Binary		2323
	Recipient <Rcpt>	[1..*]			2323
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2323
	Version <Vrsn>	[0..1]	Quantity		2324
	RecipientIdentification <RcptId>	[1..1]			2324
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2324
	Issuer <Issr>	[1..1]			2325
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2325
	AttributeType <AttrTp>	[1..1]	CodeSet		2325
	AttributeValue <AttrVal>	[1..1]	Text		2326
	SerialNumber <SrlNb>	[1..1]	Binary		2326
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2326
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2326
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2326
Or	KEK <KEK>	[1..1]	±		2327
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2327
	EncryptedContent <NcrptdCntt>	[0..1]			2327
	ContentType <CnttTp>	[1..1]	CodeSet		2328
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2328
	Algorithm <Algo>	[1..1]	CodeSet		2329
	Parameter <Param>	[0..1]			2331
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2331
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2332
	BytePadding <BPddg>	[0..1]	CodeSet		2332
	EncryptedData <NcrptdData>	[1..1]	Binary		2332

29.1.16.13 ContentInformationType37

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2374
	AuthenticatedData <AuthntcdData>	[1..1]	±		2374

29.1.16.13.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2410

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).

29.1.16.13.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2347
	Recipient <Rcpt>	[1..*]			2347
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2348
	Version <Vrsn>	[0..1]	Quantity		2349
	RecipientIdentification <RcptId>	[1..1]			2349
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2349
	Issuer <Issr>	[1..1]			2349
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2350
	AttributeType <AttrTp>	[1..1]	CodeSet		2350
	AttributeValue <AttrVal>	[1..1]	Text		2350
	SerialNumber <SrlNb>	[1..1]	Binary		2350
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2351
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2351
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2351
Or	KEK <KEK>	[1..1]	±		2351
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2352
	MACAlgorithm <MACAlgo>	[1..1]	±		2352
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2353
	MAC <MAC>	[1..1]	Binary		2353

29.1.16.14 AlgorithmIdentification34

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2375
	Parameter <Param>	[0..1]			2376
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2376

29.1.16.14.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2398

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).

29.1.16.14.2 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		2376

29.1.16.14.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm26Code" on page 2389

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).

CodeName	Name	Definition
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.17 Synchronisation

29.1.17.1 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		2377
	MaximumNumber <MaxNb>	[0..1]	Quantity		2377
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2377

29.1.17.1.1 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 2457

29.1.17.1.2 MaximumNumber <MaxNb>

Presence: [0..1]

Definition: Maximum number of retries.

Datatype: "Number" on page 2449

29.1.17.1.3 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2441

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.

29.1.17.2 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		2378
	EndTime <EndTm>	[0..1]	DateTime		2378
	Period <Prd>	[0..1]	Text		2378
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2378

29.1.17.2.1 StartTime <StartTm>

Presence: [0..1]

Definition: Date and time to start the action.

Datatype: "ISODatetime" on page 2447

29.1.17.2.2 EndTime <EndTm>

Presence: [0..1]

Definition: Date and time after which the action cannot be processed.

Datatype: "ISODatetime" on page 2447

29.1.17.2.3 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 2457

29.1.17.2.4 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2441

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.

29.1.18 Token

29.1.18.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2379
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2379
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2379
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2379
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2379
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2380

29.1.18.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2453

29.1.18.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 2451

29.1.18.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2452

29.1.18.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2452

29.1.18.1.5 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 2453

29.1.18.1.6 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 2449):

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

29.1.18.2 CardPaymentToken5

Definition: Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2380
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2380
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2380
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2381
	TokenRequestor <TknRqstr>	[0..1]			2381
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2381
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2381
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2381
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		2382

29.1.18.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 2458

29.1.18.2.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a payment token inside a set of cards with the same PAN.

Datatype: "Min2Max3NumericText" on page 2457

29.1.18.2.3 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 2451

29.1.18.2.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2454

29.1.18.2.5 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		2381
	RequestorIdentification <RqstrId>	[1..1]	Text		2381

29.1.18.2.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2454

29.1.18.2.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2454

29.1.18.2.6 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 2449

29.1.18.2.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2386

29.1.18.2.8 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 2453

29.1.18.2.9 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 2449):

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

29.1.18.3 MerchantToken2

Definition: Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2382
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2382
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2382
	TokenRequestor <TknRqstr>	[0..1]			2383
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2383
	RequestorIdentification <Rqstrld>	[1..1]	Text		2383
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2383
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2383
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2383
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		2383

29.1.18.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 2454

29.1.18.3.2 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 2451

29.1.18.3.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2454

29.1.18.3.4 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		2383
	RequestorIdentification <RqstrId>	[1..1]	Text		2383

29.1.18.3.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2454

29.1.18.3.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2454

29.1.18.3.5 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 2449

29.1.18.3.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2386

29.1.18.3.7 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 2453

29.1.18.3.8 TokenInitiatedIndicator <TknInittdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2449):

- *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 2388

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.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.

CodeName	Name	Definition
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
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).
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.

29.2.3.7 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, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.

CodeName	Name	Definition
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 Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing

CodeName	Name	Definition
		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	UniversalUniquelIdentification	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 CryptographicKeyType5Code

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).
UKA2	UKPTAES192	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).
UKA6	UKPTAES256	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 256 bits length key. FIPS 197 - 6 November 2001).
RSAC	RSA	Rivest, Shamir and Adleman.
ECCC	ECC	Elliptic-curve cryptography.
DKAE	DUKPTAES	DUKPT AES (Derived Unique Key Per Transaction) algorithm.
UKA8	UKPTAES128	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 128 bits length key. FIPS 197 - 6 November 2001).

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.
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.

CodeName	Name	Definition
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

CodeName	Name	Definition
		received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

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.
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.
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

CodeName	Name	Definition
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

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).
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

CodeName	Name	Definition
		loyalty is involved by the payment card (e.g. an hybrid or linked card).
DENY	Forbidden	No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.
PRCS	Processed	The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.
PROP	Proposed	The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.
REQU	Required	The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.

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 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.

CodeName	Name	Definition
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.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.

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

CodeName	Name	Definition
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 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.

CodeName	Name	Definition
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.
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.
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	DelegatIssuer	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 PartyType35Code

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.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

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.

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.

29.2.3.83 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, 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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
LOGF	LogFile	Any repository used for recording log traces.
MDFL	MediaFile	Media file managed by an application of the POI.
SOFT	Soft	Payment or other software application.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.
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%

CodeName	Name	Definition
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.
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 partially 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 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).

29.2.3.98 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

CodeName	Name	Definition
		context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

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.

CodeName	Name	Definition
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

CodeName	Name	Definition
		request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

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.

CodeName	Name	Definition
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.
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.
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.

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.

29.2.3.112 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).
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.

29.2.3.114 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).

CodeName	Name	Definition
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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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 UserInterface9Code

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.
CSTM	CustomerStatement	Cardholder bank statement.

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}
---------	----------------

29.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.
Type: Text

Format
pattern [0-9]{3}

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}

29.2.10.4 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.
Type: Text

Format
pattern [0-9]{4}

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}
---------	-------------

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}
---------	-------------

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}

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}

29.2.10.18 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30
-----------	----

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

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}

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}

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}

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}

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}
---------	-------------

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}
---------	-------------------------------