

ISO 20022

Card Sale to POI - Merchant to Acceptor - Maintenance 2024 - 2025

Message Definition Report - Part 2

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

This document provides details of the Message Definitions for Card Sale to POI - Merchant to Acceptor - Maintenance 2024 - 2025.

March 2025

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1 Message Set Overview

Introduction

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

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
casp.001.001.07 SaleToPOIServiceRequestV07	This SaleToPOIServiceRequest message is sent by a sale system to trig a financial service on POI system.
casp.002.001.07 SaleToPOIServiceResponseV07	The SaleToPOIServiceResponse message is sent by a POI to provide the outcome of a financial service.
casp.003.001.07 SaleToPOIReconciliationRequestV07	The SaleToPOIReconciliationRequest message is sent by a sale system to request for reconciliation between sale and POI systems.
casp.004.001.07 SaleToPOIReconciliationResponseV07	The SaleToPOIReconciliationResponse message is sent by a POI to provide the result of reconciliation process between sale and POI systems.
casp.005.001.07 SaleToPOISessionManagementRequestV07	The SaleToPOISessionManagementRequest message is sent by a sale system to select an administrative service related to session management.
casp.006.001.07 SaleToPOISessionManagementResponseV07	The SaleToPOISessionManagementResponse message is sent by a POI to provide the result of an administrative service related to session management.
casp.007.001.07 SaleToPOIAdministrativeRequestV07	The SaleToPOIAdministrativeRequest message is sent by a sale system to POI System to request for an Administrative service.
casp.008.001.07 SaleToPOIAdministrativeResponseV07	The SaleToPOIAdministrativeResponse message is sent by a POI System to a sale system to provide response to an administrative service.
casp.009.001.07 SaleToPOIReportRequestV07	The SaleToPOIReportRequest message is sent by sale system to request a report service.
casp.010.001.07 SaleToPOIReportResponseV07	This SaleToPOIReportResponse message is sent by a POI to provide the report previously expected by a sale system.
casp.011.001.07 SaleToPOIAbortV07	The SaleToPOIAbort message is sent by a sale system to abort process on POI.
casp.012.001.07 SaleToPOIEventNotificationV07	The SaleToPOIEventNotification message is sent by a POI or a sale terminal to inform the other about the happening of an event.
casp.013.001.02 SaleToPOIMessageRejectionV02	The SaleToPOIMessageRejection message is sent by one of the parties when it detects a technical or functional error in a previous received message.
casp.014.001.07 SaleToPOIMessageStatusRequestV07	The SaleToPOIMessageStatusRequest message is sent by a sale system when the sale system wants to

MessageDefinition	Definition
	know the status of previous message that has not be answered.
casp.015.001.07 SaleToPOIMessageStatusResponseV07	The SaleToPOIMessageStatusResponse message is sent by a POI System to respond to the sale system at a previous message status request.
casp.016.001.07 SaleToPOIDeviceRequestV07	The SaleTOPOIDeviceRequest message is sent by the sale system to POI system to request a device service.
casp.017.001.07 SaleToPOIDeviceResponseV07	The SaleToPOIDeviceResponse message is sent by a POI System to sale system to provide result of a device request.

2 casp.001.001.07 SaleToPOIServiceRequestV07

2.1 MessageDefinition Functionality

This SaleToPOIServiceRequest message is sent by a sale system to trig a financial service on POI system.

Outline

The SaleToPOIServiceRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the request.
- B. ServiceRequest
Information related to a service request.
- C. SecurityTrailer
Trailer of the message containing a MAC or a digital signature.

2.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOISvcReq>	[1..1]			
	Header <Hdr>	[1..1]			50
	MessageFunction <MsgFctn>	[1..1]	CodeSet		51
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		52
	ExchangeIdentification <XchgId>	[1..1]	Text		52
	CreationDateTime <CreDtTm>	[1..1]	DateTime		52
	InitiatingParty <InitgPty>	[1..1]	±		52
	RecipientParty <RcptPty>	[0..1]	±		53
	Traceability <Tracblt>	[0..*]	±		54
	ServiceRequest <SvcReq>	[1..1]			54
	Environment <Envt>	[1..1]	±	C9	96
	Context <Cntxt>	[1..1]		C10	102
	PaymentContext <PmtCntxt>	[0..1]			105
	CardPresent <CardPres>	[0..1]	Indicator		105
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		105
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		106
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		106
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		106
	TransactionChannel <TxChanl>	[0..1]	CodeSet		106
	BusinessArea <BizArea>	[0..1]	CodeSet		107
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		107
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	107
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		108
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		108
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		109
	SaleContext <SaleCntxt>	[0..1]			109
	SaleIdentification <SaleId>	[0..1]	Text		110
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		110
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		111
	CashierIdentification <CshrlId>	[0..1]	Text		111

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	111
	ShiftNumber <ShftNb>	[0..1]	Text		111
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		111
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		111
	InvoiceNumber <InvcNb>	[0..1]	Text		111
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		112
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			112
	CommonName <CmonNm>	[1..1]	Text		112
	Address <Adr>	[0..1]	Text		112
	CountryCode <CtryCd>	[1..1]	CodeSet		112
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		112
	RegisteredIdentifier <Regldr>	[1..1]	Text		112
	SplitPayment <Spltpmt>	[0..1]	Indicator		113
	RemainingAmount <RmngAmt>	[0..1]	Amount		113
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		113
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		113
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		113
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		114
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		114
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	114
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		115
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		115
	SystemToNotify <SysToNtfy>	[0..1]	Text		115
	Debtor <Dbtr>	[0..1]	±		116
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	117
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		117
	Creditor <Cdtr>	[0..1]	±		117
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	118
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		119
	DirectDebitContext <DrctDbtCntxt>	[0..1]			119
	Debtor <Dbtr>	[0..1]	±		120

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	121
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		122
	Creditor <Cdtr>	[0..1]	±		122
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	123
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		124
	MandateRelatedInformation <MndtRltdInf>	[1..1]			124
	MandateIdentification <MndtId>	[1..1]	Text		125
	DateOfSignature <DtOfSgntr>	[0..1]	Date		125
	MandateImage <MndtImg>	[0..1]	Binary		125
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		125
	ServiceContent <SvcCntt>	[1..1]	CodeSet		125
	PaymentRequest <PmtReq>	[0..1]			126
	PaymentTransaction <PmtTx>	[0..1]			131
	TransactionCapture <TxCaptr>	[0..1]	Indicator		136
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		136
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		137
	TransactionType <TxTp>	[1..1]	CodeSet		137
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		138
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		139
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		139
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		139
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		140
	TransactionIdentification <TxId>	[1..1]	±		140
	OriginalTransaction <OrgnlTx>	[0..1]			140
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		142
	TransactionIdentification <TxId>	[1..1]	±		142
	POIIdentification <POIId>	[1..1]	±		142
	CurrencyConversion <CcyConvs>	[0..1]			142
	Result <Rslt>	[1..1]	CodeSet		145
	ResultReason <RsltRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtls>	[0..*]			145

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <DclrtDtls>	[0..*]	±		151

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		152
	IssuerReferenceData <IssrRefData>	[0..1]	Text		152
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		152
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		152
	TransactionDetails <TxDtls>	[1..1]			153
	Currency <Ccy>	[0..1]	CodeSet	C1	156
	TotalAmount <TtlAmt>	[1..1]	Amount		156
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		156
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		156
	DetailedAmount <DtldAmt>	[0..1]	±		156
	RequestedAmount <ReqdAmt>	[0..1]	Amount		157
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		157
	InvoiceAmount <InvcAmt>	[0..1]	Amount		157
	ValidityDate <VldtyDt>	[0..1]	Date		157
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		157
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		158
	AccountType <AcctTp>	[0..1]	CodeSet		158
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			159
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <DcmI>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <Dclrtndtls>	[0..*]	±		167
	Instalment <Instlmt>	[0..*]	±		168
	Recurring <Rcrng>	[0..1]	±		169
	AggregationTransaction <AggtnTx>	[0..1]	±		170
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		170
	SaleItem <Saleitm>	[0..*]	±		170
	DeliveryLocation <DlvryLctn>	[0..1]	Text		171
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		171
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		171
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		171
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		172
	AdditionalInformation <AddtlInf>	[0..*]			172

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		173
	AuthorisationResult <AuthstnRslt>	[0..1]			173
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		173
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			174
	Response <Rspn>	[1..1]	CodeSet		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175
	AuthorisationCode <AuthstnCd>	[0..1]	Text		175
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		175
	CustomerOrder <CstmrOrdr>	[0..1]	±		175
	CustomerToken <CstmrTkn>	[0..1]	±		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		176
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		176
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		176
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		177
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		177
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		177
	LoyaltyData <LltyData>	[0..*]			177
	CustomerOrder <CstmrOrdr>	[0..1]	±		177
	Account <Acct>	[0..1]	±		178
	Amount <Amt>	[0..1]			178
	Unit <Unit>	[0..1]	CodeSet		179
	Currency <Ccy>	[0..1]	CodeSet	C1	179
	Amount <Amt>	[1..1]	Amount		179
	ReversalRequest <RvslReq>	[0..1]			179
	ReversalTransaction <RvslTx>	[0..1]			184

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		189
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		189
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		190
	TransactionType <TxTp>	[1..1]	CodeSet		190
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		191
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		192
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		192
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		192
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		193
	TransactionIdentification <TxId>	[1..1]	±		193
	OriginalTransaction <OrgnlTx>	[0..1]			193
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		195
	TransactionIdentification <TxId>	[1..1]	±		195
	POIIdentification <POIID>	[1..1]	±		195
	CurrencyConversion <CcyConvs>	[0..1]			195
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <Dclrtndtls>	[0..*]	±		204
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		205
	IssuerReferenceData <IssrRefData>	[0..1]	Text		205
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		205
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		205
	TransactionDetails <TxDtls>	[1..1]			206
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	TotalAmount <TtlAmt>	[1..1]	Amount		209
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		209
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		209
	DetailedAmount <DtldAmt>	[0..1]	±		209
	RequestedAmount <ReqdAmt>	[0..1]	Amount		210
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		210
	InvoiceAmount <InvcAmt>	[0..1]	Amount		210

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		210
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		210
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		211
	AccountType <AcctTp>	[0..1]	CodeSet		211
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			212
	AcceptedByCardholder <AcctpdByCrdhldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <Dclrtndtls>	[0..*]	±		220
	Instalment <Instlmt>	[0..*]	±		221
	Recurring <Rcrng>	[0..1]	±		222
	AggregationTransaction <AggtnTx>	[0..1]	±		223
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		223
	SaleItem <Saleitm>	[0..*]	±		223
	DeliveryLocation <DlvryLctn>	[0..1]	Text		224
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		224
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		224
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		224
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		225
	AdditionalInformation <AddtlInf>	[0..*]			225
	Identification <Id>	[1..1]	Text		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrctdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		226
	AuthorisationResult <AuthstnRslt>	[0..1]			226
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		226
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			227
	Response <Rspn>	[1..1]	CodeSet		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		228
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		228

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		228
	CustomerToken <CstmrTkn>	[0..1]	±		228
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		229
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		229
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		229
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		229
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		230
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		230
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		230
	LoyaltyData <LltyData>	[0..*]			230
	CustomerOrder <CstmrOrdr>	[0..1]	±		230
	Account <Acct>	[0..1]	±		231
	Amount <Amt>	[0..1]			231
	Unit <Unit>	[0..1]	CodeSet		232
	Currency <Ccy>	[0..1]	CodeSet	C1	232
	Amount <Amt>	[1..1]	Amount		232
	ReversalReason <RvslRsn>	[1..1]	CodeSet		232
	ReversedAmount <RvsdAmt>	[0..1]	Amount		233
	CustomerOrder <CstmrOrdr>	[0..1]	±		233
	BalanceInquiryRequest <BalNqryReq>	[0..1]			233
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		239
	PaymentAccountRequest <PmtAcctReq>	[0..1]			239
	AccountType <AcctTp>	[0..1]	CodeSet		239
	CustomerOrder <CstmrOrdr>	[0..1]	±		240
	AccountReference <AcctRef>	[0..1]	Text		241
	LoyaltyAccountRequest <LltyAcctReq>	[0..1]			241
	CustomerOrder <CstmrOrdr>	[0..1]	±		241
	Account <Acct>	[0..1]	±		242
	StoredValueAccountRequest <StordValAcctReq>	[0..1]			242
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		248
	Data <Data>	[1..*]			248

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		253
	TransactionType <TxTp>	[1..1]	CodeSet		254
	AccountIdentification <AcctId>	[0..1]			254
	AccountType <AcctTp>	[0..1]	CodeSet		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			257
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIId>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltgAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <Dclrtndtls>	[0..*]	±		277
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UatndddLvlCtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <Dclrtndtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtnTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301
	CustomerOrder <CstmrOrd>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	ProductCode <PdctCd>	[0..1]	Text		303
	EANUPC <EANUPC>	[0..1]	Text		303
	ItemAmount <ItmAmt>	[0..1]	Amount		303
	Currency <Ccy>	[0..1]	CodeSet	C1	303
	HostTransactionIdentification <HstTxId>	[0..1]	±		304
	LoyaltyRequest <LtyReq>	[0..1]			304
	CustomerOrder <CstmrOrd>	[0..1]	±		309
	Transaction <Tx>	[1..1]			310

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		315
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		315
	Currency <Ccy>	[0..1]	CodeSet	C1	316
	TotalAmount <TtlAmt>	[0..1]	Amount		316
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			316
	TransactionCapture <TxCaptr>	[0..1]	Indicator		321
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		321
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		322
	TransactionType <TxTp>	[1..1]	CodeSet		322
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		323
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		324
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		324
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		324
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		325
	TransactionIdentification <TxId>	[1..1]	±		325
	OriginalTransaction <OrgnlTx>	[0..1]			325
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvtrdXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtnDtls>	[0..*]	±		336
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		337
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		337
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		337
	TransactionDetails <TxDtls>	[1..1]			338
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvcAmt>	[0..1]	Amount		342
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			344
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <Dclrtndtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtnTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DlvryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctcdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		358
	AuthorisationResult <AuthstnRslt>	[0..1]			358
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		360
	CustomerOrder <CstmrOrd>	[0..1]	±		360
	CustomerToken <CstmrTkn>	[0..1]	±		360
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		361
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		361
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		361
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		361
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		362
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		362
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		362
	SaleItem <Saleitm>	[0..*]	±		362
	Data <Data>	[0..*]			363
	CustomerOrder <CstmrOrd>	[0..1]	±		363
	Account <Acct>	[0..1]	±		364
	Amount <Amt>	[0..1]			364
	Unit <Unit>	[0..1]	CodeSet		365
	Currency <Ccy>	[0..1]	CodeSet	C1	365
	Amount <Amt>	[1..1]	Amount		365
	StoredValueRequest <StordValReq>	[0..1]			365
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		371
	Data <Data>	[1..*]			371
	Provider <Prvdr>	[0..1]	Text		376
	TransactionType <TxTp>	[1..1]	CodeSet		377
	AccountIdentification <AcctId>	[0..1]			377
	AccountType <AcctTp>	[0..1]	CodeSet		377
	IdentificationType <IdTp>	[0..1]	CodeSet		378
	Identification <Id>	[0..1]	Text		379

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		379
	Provider <Prvdr>	[0..1]	Text		379
	OwnerName <OwnrNm>	[0..1]	Text		379
	ExpiryDate <XpryDt>	[0..1]	Text		379
	EntryMode <NtryMd>	[0..1]	CodeSet		379
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Balance <Bal>	[0..1]	Amount		380
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			380
	TransactionCapture <TxCaptr>	[0..1]	Indicator		385
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		385
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		386
	TransactionType <TxTp>	[1..1]	CodeSet		386
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		387
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		388
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		388
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		388
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		389
	TransactionIdentification <TxId>	[1..1]	±		389
	OriginalTransaction <OrgnlTx>	[0..1]			389
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		391
	TransactionIdentification <TxId>	[1..1]	±		391
	POIIdentification <POIID>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <Dclrtndtls>	[0..*]	±		400
	ReconciliationIdentification <RcncldId>	[0..1]	Text		401
	IssuerReferenceData <IssrRefData>	[0..1]	Text		401
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		401
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		401
	TransactionDetails <TxDtls>	[1..1]			402

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtlAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvcAmt>	[0..1]	Amount		406
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		407
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtDtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtnTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <Saleitm>	[0..*]	±		419
	DeliveryLocation <DlvryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctcdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		422

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[0..1]			422
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		424
	CustomerOrder <CstmrOrd>	[0..1]	±		424
	CustomerToken <CstmrTkn>	[0..1]	±		424
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		425
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		425
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		425
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		425
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		426
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		426
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		426
	ProductCode <PdctCd>	[0..1]	Text		426
	EANUPC <EANUPC>	[0..1]	Text		426
	ItemAmount <ItmAmt>	[0..1]	Amount		426
	Currency <Ccy>	[0..1]	CodeSet	C1	426
	HostTransactionIdentification <HstTxId>	[0..1]	±		427
	BatchRequest <BtchReq>	[0..1]			427
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		442
	RemoveAllFlag <RmvAllFlg>	[0..1]	Indicator		442
	TransactionToPerform <TxToPrfrm>	[0..*]			442
{Or	PaymentRequest <PmtReq>	[0..1]			457
	PaymentTransaction <PmtTx>	[0..1]			462
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		468

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceldentification <SaleRefld>	[0..1]	Text		471
	TransactionIdentification <Txld>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceldentification <SaleRefld>	[0..1]	Text		473
	TransactionIdentification <Txld>	[1..1]	±		473
	POIIdentification <POIld>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvslld>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltgAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <Dclrtndtls>	[0..*]	±		482
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtls>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		489

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtnDtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtnTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrtctdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506
	CustomerOrder <CstmrOrd>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508
	LoyaltyData <LltyData>	[0..*]			508
	CustomerOrder <CstmrOrd>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510
Or	LoyaltyRequest <LltyReq>	[0..1]			510
	CustomerOrder <CstmrOrd>	[0..1]	±		515
	Transaction <Tx>	[1..1]			516
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LltyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtnDtls>	[0..*]	±		542
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtnDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtTx>	[0..1]	±		561

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <SaleItm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrtctdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrd>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <SaleItm>	[0..*]	±		568

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Data <Data>	[0..*]			569
	CustomerOrder <CstmrOrd>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571
Or}	ReversalRequest <RvslReq>	[0..1]			571
	ReversalTransaction <RvslTx>	[0..1]			576
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltgAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtnDtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620
	CustomerOrder <CstmrOrd>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622
	LoyaltyData <LltyData>	[0..*]			622
	CustomerOrder <CstmrOrd>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624
	ReversalReason <RvslRsn>	[1..1]	CodeSet		624
	ReversedAmount <RvsdAmt>	[0..1]	Amount		625
	CustomerOrder <CstmrOrd>	[0..1]	±		625
	EnableServiceRequest <NbISvcReq>	[0..1]			625
	TransactionAction <TxActn>	[1..1]	CodeSet		626
	ServicesEnabled <SvcNbld>	[0..1]	CodeSet		626

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayOutput <DispOutpt>	[0..1]	±		627
	CardAcquisitionRequest <CardAcqstnReq>	[0..1]			627
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		628
	AllowedPaymentBrand <AllwdPmtBrnd>	[0..*]	Text		628
	AllowedLoyaltyBrand <AllwdLltyBrnd>	[0..*]	Text		628
	ForceCustomerSelectionFlag <ForceCstmrSelctnFlg>	[0..1]	Indicator		628
	TotalAmount <TtlAmt>	[0..1]	Amount		629
	PaymentType <PmtTp>	[0..1]	CodeSet		629
	CashBackFlag <CshBckFlg>	[0..1]	Indicator		629
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		629
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		630
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		630
	SupplementaryData <SplmtryData>	[0..*]	±	C12	630
	SecurityTrailer <SctyTrlr>	[0..1]	±		630

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: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		51
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		52
	ExchangeIdentification <XchgId>	[1..1]	Text		52
	CreationDateTime <CreDtTm>	[1..1]	DateTime		52
	InitiatingParty <InitgPty>	[1..1]	±		52
	RecipientParty <RcptPty>	[0..1]	±		53
	Traceability <Tracblt>	[0..*]	±		54

2.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

2.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

2.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

2.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

2.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

2.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

2.4.2 ServiceRequest <SvcReq>

Presence: [1..1]

Definition: Information related to a service request.

ServiceRequest <SvcReq> contains the following **ServiceRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	96
	Context <Cntxt>	[1..1]		C10	102
	PaymentContext <PmtCntxt>	[0..1]			105
	CardPresent <CardPres>	[0..1]	Indicator		105
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		105
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		106
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		106
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		106
	TransactionChannel <TxChanl>	[0..1]	CodeSet		106
	BusinessArea <BizArea>	[0..1]	CodeSet		107
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		107
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	107
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		108
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		108
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		109
	SaleContext <SaleCntxt>	[0..1]			109
	SaleIdentification <SaleId>	[0..1]	Text		110
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		110
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		111
	CashierIdentification <CshrId>	[0..1]	Text		111
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	111
	ShiftNumber <ShftNb>	[0..1]	Text		111
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		111
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		111
	InvoiceNumber <InvNb>	[0..1]	Text		111
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		112
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			112
	CommonName <CmonNm>	[1..1]	Text		112
	Address <Adr>	[0..1]	Text		112
	CountryCode <CtryCd>	[1..1]	CodeSet		112
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		112

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		112
	SplitPayment <SpltPmt>	[0..1]	Indicator		113
	RemainingAmount <RmngAmt>	[0..1]	Amount		113
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		113
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		113
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		113
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		114
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		114
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	114
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		115
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		115
	SystemToNotify <SysToNtfy>	[0..1]	Text		115
	Debtor <Dbtr>	[0..1]	±		116
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	117
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		117
	Creditor <Cdtr>	[0..1]	±		117
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	118
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		119
	DirectDebitContext <DrctDbtCntxt>	[0..1]			119
	Debtor <Dbtr>	[0..1]	±		120
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	121
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		122
	Creditor <Cdtr>	[0..1]	±		122
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	123
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		124
	MandateRelatedInformation <MndtRltdInf>	[1..1]			124
	MandateIdentification <MndtId>	[1..1]	Text		125
	DateOfSignature <DtOfSgntr>	[0..1]	Date		125
	MandateImage <MndtImg>	[0..1]	Binary		125
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		125
	ServiceContent <SvcCntt>	[1..1]	CodeSet		125

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentRequest <PmtReq>	[0..1]			126
	PaymentTransaction <PmtTx>	[0..1]			131
	TransactionCapture <TxCaptr>	[0..1]	Indicator		136
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		136
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		137
	TransactionType <TxTp>	[1..1]	CodeSet		137
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		138
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		139
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		139
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		139
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		140
	TransactionIdentification <TxId>	[1..1]	±		140
	OriginalTransaction <OrgnlTx>	[0..1]			140
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		142
	TransactionIdentification <TxId>	[1..1]	±		142
	POIIdentification <POIID>	[1..1]	±		142
	CurrencyConversion <CcyConvs>	[0..1]			142
	Result <Rslt>	[1..1]	CodeSet		145
	ResultReason <RsltRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtls>	[0..*]			145
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <DclrtnDtls>	[0..*]	±		151
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		152
	IssuerReferenceData <IssrRefData>	[0..1]	Text		152
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		152
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		152
	TransactionDetails <TxDtls>	[1..1]			153
	Currency <Ccy>	[0..1]	CodeSet	C1	156
	TotalAmount <TtlAmt>	[1..1]	Amount		156
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		156
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		156
	DetailedAmount <DtldAmt>	[0..1]	±		156
	RequestedAmount <ReqdAmt>	[0..1]	Amount		157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		157
	InvoiceAmount <InvcAmt>	[0..1]	Amount		157
	ValidityDate <VldtyDt>	[0..1]	Date		157
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		157
	UnattendedLevelCategory <UattnddLvltctgy>	[0..1]	Text		158
	AccountType <AcctTp>	[0..1]	CodeSet		158
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			159
	AcceptedByCardholder <AcctpdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <DclrtDtls>	[0..*]	±		167
	Instalment <Instlmt>	[0..*]	±		168
	Recurring <Rcrng>	[0..1]	±		169
	AggregationTransaction <AggtnTx>	[0..1]	±		170
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		170
	SaleItem <Saleitm>	[0..*]	±		170
	DeliveryLocation <DlvryLctn>	[0..1]	Text		171
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		171
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		171
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		171
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		172
	AdditionalInformation <AddtlInf>	[0..*]			172
	Identification <Id>	[1..1]	Text		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		173
	AuthorisationResult <AuthstnRslt>	[0..1]			173
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		173
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			174
	Response <Rspn>	[1..1]	CodeSet		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		175
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		175
	CustomerOrder <CstmrOrd>	[0..1]	±		175
	CustomerToken <CstmrTkn>	[0..1]	±		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		176
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		176
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		176
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		177
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		177
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		177
	LoyaltyData <LltyData>	[0..*]			177
	CustomerOrder <CstmrOrd>	[0..1]	±		177
	Account <Acct>	[0..1]	±		178
	Amount <Amt>	[0..1]			178
	Unit <Unit>	[0..1]	CodeSet		179
	Currency <Ccy>	[0..1]	CodeSet	C1	179
	Amount <Amt>	[1..1]	Amount		179
	ReversalRequest <RvslReq>	[0..1]			179
	ReversalTransaction <RvslTx>	[0..1]			184
	TransactionCapture <TxCaptr>	[0..1]	Indicator		189
	PaymentInstrument <PmtlInstrm>	[0..*]	CodeSet		189
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		190
	TransactionType <TxTp>	[1..1]	CodeSet		190
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		191
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		192
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		192
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		192
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		193
	TransactionIdentification <TxId>	[1..1]	±		193
	OriginalTransaction <OrgnlTx>	[0..1]			193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		195
	TransactionIdentification <TxId>	[1..1]	±		195
	POIIdentification <POIId>	[1..1]	±		195
	CurrencyConversion <CcyConvs>	[0..1]			195
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <DclrnDtls>	[0..*]	±		204
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		205
	IssuerReferenceData <IssrRefData>	[0..1]	Text		205
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		205
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		205
	TransactionDetails <TxDtls>	[1..1]			206
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	TotalAmount <TtlAmt>	[1..1]	Amount		209
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		209
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		209
	DetailedAmount <DtldAmt>	[0..1]	±		209
	RequestedAmount <ReqdAmt>	[0..1]	Amount		210
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		210
	InvoiceAmount <InvcAmt>	[0..1]	Amount		210
	ValidityDate <VldtyDt>	[0..1]	Date		210
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		210
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		211
	AccountType <AcctTp>	[0..1]	CodeSet		211
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			212
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <DclrtnDtls>	[0..*]	±		220
	Instalment <Instlmt>	[0..*]	±		221
	Recurring <Rcrng>	[0..1]	±		222
	AggregationTransaction <Aggtntx>	[0..1]	±		223
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		223

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		223
	DeliveryLocation <DlvryLctn>	[0..1]	Text		224
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		224
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		224
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		224
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		225
	AdditionalInformation <AddtlInf>	[0..*]			225
	Identification <Id>	[1..1]	Text		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrtctdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		226
	AuthorisationResult <AuthstnRslt>	[0..1]			226
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		226
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			227
	Response <Rspn>	[1..1]	CodeSet		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		228
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		228
	CustomerOrder <CstmrOrd>	[0..1]	±		228
	CustomerToken <CstmrTkn>	[0..1]	±		228
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		229
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		229
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		229
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		229
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		230
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		230
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		230
	LoyaltyData <LltyData>	[0..*]			230
	CustomerOrder <CstmrOrd>	[0..1]	±		230

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[0..1]	±		231
	Amount <Amt>	[0..1]			231
	Unit <Unit>	[0..1]	CodeSet		232
	Currency <Ccy>	[0..1]	CodeSet	C1	232
	Amount <Amt>	[1..1]	Amount		232
	ReversalReason <RvsIRsn>	[1..1]	CodeSet		232
	ReversedAmount <RvsdAmt>	[0..1]	Amount		233
	CustomerOrder <CstmrOrd>	[0..1]	±		233
	BalanceInquiryRequest <BalInqryReq>	[0..1]			233
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		239
	PaymentAccountRequest <PmtAcctReq>	[0..1]			239
	AccountType <AcctTp>	[0..1]	CodeSet		239
	CustomerOrder <CstmrOrd>	[0..1]	±		240
	AccountReference <AcctRef>	[0..1]	Text		241
	LoyaltyAccountRequest <LtyAcctReq>	[0..1]			241
	CustomerOrder <CstmrOrd>	[0..1]	±		241
	Account <Acct>	[0..1]	±		242
	StoredValueAccountRequest <StordValAcctReq>	[0..1]			242
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		248
	Data <Data>	[1..*]			248
	Provider <Prvdr>	[0..1]	Text		253
	TransactionType <TxTp>	[1..1]	CodeSet		254
	AccountIdentification <AcctId>	[0..1]			254
	AccountType <AcctTp>	[0..1]	CodeSet		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			257
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIID>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtDtls>	[0..*]	±		277
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvcAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <DclrtDtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301
	CustomerOrder <CstmrOrd>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	ProductCode <PdctCd>	[0..1]	Text		303
	EANUPC <EANUPC>	[0..1]	Text		303
	ItemAmount <ItmAmt>	[0..1]	Amount		303
	Currency <Ccy>	[0..1]	CodeSet	C1	303
	HostTransactionIdentification <HstTxId>	[0..1]	±		304
	LoyaltyRequest <LtyReq>	[0..1]			304
	CustomerOrder <CstmrOrd>	[0..1]	±		309
	Transaction <Tx>	[1..1]			310
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		315
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		315
	Currency <Ccy>	[0..1]	CodeSet	C1	316
	TotalAmount <TtlAmt>	[0..1]	Amount		316
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			316
	TransactionCapture <TxCaptr>	[0..1]	Indicator		321
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		321
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		322
	TransactionType <TxTp>	[1..1]	CodeSet		322
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		323
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		324

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		324
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		324
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		325
	TransactionIdentification <TxId>	[1..1]	±		325
	OriginalTransaction <OrgnlTx>	[0..1]			325
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltgAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtDtls>	[0..*]	±		336
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		337
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		337
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		337
	TransactionDetails <TxDtls>	[1..1]			338
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvAmt>	[0..1]	Amount		342
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvRslt>	[0..1]			344
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			346
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkupDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtnTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DlvryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctcdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		358
	AuthorisationResult <AuthstnRslt>	[0..1]			358
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		360
	CustomerOrder <CstmrOrd>	[0..1]	±		360
	CustomerToken <CstmrTkn>	[0..1]	±		360
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		361
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		361
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		361
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		361

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		362
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		362
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		362
	SaleItem <Saleitm>	[0..*]	±		362
	Data <Data>	[0..*]			363
	CustomerOrder <CstmrOrd>	[0..1]	±		363
	Account <Acct>	[0..1]	±		364
	Amount <Amt>	[0..1]			364
	Unit <Unit>	[0..1]	CodeSet		365
	Currency <Ccy>	[0..1]	CodeSet	C1	365
	Amount <Amt>	[1..1]	Amount		365
	StoredValueRequest <StordValReq>	[0..1]			365
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		371
	Data <Data>	[1..*]			371
	Provider <Prvdr>	[0..1]	Text		376
	TransactionType <TxTp>	[1..1]	CodeSet		377
	AccountIdentification <AcctId>	[0..1]			377
	AccountType <AcctTp>	[0..1]	CodeSet		377
	IdentificationType <IdTp>	[0..1]	CodeSet		378
	Identification <Id>	[0..1]	Text		379
	Brand <Brnd>	[0..1]	Text		379
	Provider <Prvdr>	[0..1]	Text		379
	OwnerName <OwnrNm>	[0..1]	Text		379
	ExpiryDate <XpryDt>	[0..1]	Text		379
	EntryMode <NtryMd>	[0..1]	CodeSet		379
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Balance <Bal>	[0..1]	Amount		380
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			380
	TransactionCapture <TxCaptr>	[0..1]	Indicator		385
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		385
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		386

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		386
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		387
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		388
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		388
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		388
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		389
	TransactionIdentification <TxId>	[1..1]	±		389
	OriginalTransaction <OrgnlTx>	[0..1]			389
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		391
	TransactionIdentification <TxId>	[1..1]	±		391
	POIIdentification <POIID>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltgAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <DclrtDtls>	[0..*]	±		400
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		401
	IssuerReferenceData <IssrRefData>	[0..1]	Text		401
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		401
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		401
	TransactionDetails <TxDtls>	[1..1]			402
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtldAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvAmt>	[0..1]	Amount		406
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		407

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtnDtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtnTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <Saleitm>	[0..*]	±		419
	DeliveryLocation <DlvryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrtctdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		422
	AuthorisationResult <AuthstnRslt>	[0..1]			422
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		424
	CustomerOrder <CstmrOrd>	[0..1]	±		424
	CustomerToken <CstmrTkn>	[0..1]	±		424
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		425

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		425
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		425
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		425
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		426
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		426
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		426
	ProductCode <PdctCd>	[0..1]	Text		426
	EANUPC <EANUPC>	[0..1]	Text		426
	ItemAmount <ItmAmt>	[0..1]	Amount		426
	Currency <Ccy>	[0..1]	CodeSet	C1	426
	HostTransactionIdentification <HstTxId>	[0..1]	±		427
	BatchRequest <BtchReq>	[0..1]			427
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		442
	RemoveAllFlag <RmvAllFlg>	[0..1]	Indicator		442
	TransactionToPerform <TxToPrfrm>	[0..*]			442
{Or	PaymentRequest <PmtReq>	[0..1]			457
	PaymentTransaction <PmtTx>	[0..1]			462
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		468
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		471
	TransactionIdentification <TxId>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIID>	[1..1]	±		473

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtIs>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtnDtIs>	[0..*]	±		482
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtIs>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvcAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsItgAmt>	[0..1]	Amount		495

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtDtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtnTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		502

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506
	CustomerOrder <CstmrOrd>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508
	LoyaltyData <LltyData>	[0..*]			508
	CustomerOrder <CstmrOrd>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510
Or	LoyaltyRequest <LtyReq>	[0..1]			510
	CustomerOrder <CstmrOrd>	[0..1]	±		515
	Transaction <Tx>	[1..1]			516
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCapt>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIId>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtDtls>	[0..*]	±		542
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtIs>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <Dclrtndtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcmg>	[0..1]	±		560
	AggregationTransaction <AggtnTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCntnr>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCntnr>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctcdVal>	[0..1]	±		563

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		564
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrdr>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <Saleitm>	[0..*]	±		568
	Data <Data>	[0..*]			569
	CustomerOrder <CstmrOrdr>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571
Or}	ReversalRequest <RvslReq>	[0..1]			571
	ReversalTransaction <RvslTx>	[0..1]			576
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltgAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <ApblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsItgAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtnDtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620
	CustomerOrder <CstmrOrd>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622
	LoyaltyData <LltyData>	[0..*]			622
	CustomerOrder <CstmrOrd>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624
	ReversalReason <RvslRsn>	[1..1]	CodeSet		624
	ReversedAmount <RvsdAmt>	[0..1]	Amount		625
	CustomerOrder <CstmrOrd>	[0..1]	±		625
	EnableServiceRequest <NblSvcReq>	[0..1]			625
	TransactionAction <TxActn>	[1..1]	CodeSet		626
	ServicesEnabled <SvcsNbld>	[0..1]	CodeSet		626
	DisplayOutput <DispOutpt>	[0..1]	±		627
	CardAcquisitionRequest <CardAcqstnReq>	[0..1]			627
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		628
	AllowedPaymentBrand <AllwdPmtBrnd>	[0..*]	Text		628
	AllowedLoyaltyBrand <AllwdLltyBrnd>	[0..*]	Text		628
	ForceCustomerSelectionFlag <ForceCstmrSelctnFlg>	[0..1]	Indicator		628
	TotalAmount <TtlAmt>	[0..1]	Amount		629
	PaymentType <PmtTp>	[0..1]	CodeSet		629
	CashBackFlag <CshBckFlg>	[0..1]	Indicator		629
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		629
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		630

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		630
	SupplementaryData <SplmtryData>	[0..*]	±	C12	630

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdlrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <CrdhldrId>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <DrvrId>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMnrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

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]			105
	CardPresent <CardPres>	[0..1]	Indicator		105
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		105
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		106
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		106
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		106
	TransactionChannel <TxChanl>	[0..1]	CodeSet		106
	BusinessArea <BizArea>	[0..1]	CodeSet		107
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		107
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	107
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		108
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		108
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		109
	SaleContext <SaleCntxt>	[0..1]			109
	SaleIdentification <SaleId>	[0..1]	Text		110
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		110
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		111
	CashierIdentification <CshrId>	[0..1]	Text		111
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	111
	ShiftNumber <ShftNb>	[0..1]	Text		111
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		111
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		111
	InvoiceNumber <InvcNb>	[0..1]	Text		111
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		112
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			112
	CommonName <CmonNm>	[1..1]	Text		112
	Address <Adr>	[0..1]	Text		112
	CountryCode <CtryCd>	[1..1]	CodeSet		112
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		112
	RegisteredIdentifier <Regldr>	[1..1]	Text		112
	SplitPayment <Spltpmt>	[0..1]	Indicator		113

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		113
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		113
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		113
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		113
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		114
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		114
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	114
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		115
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		115
	SystemToNotify <SysToNtfy>	[0..1]	Text		115
	Debtor <Dbtr>	[0..1]	±		116
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	117
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		117
	Creditor <Cdtr>	[0..1]	±		117
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	118
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		119
	DirectDebitContext <DrctDbtCntxt>	[0..1]			119
	Debtor <Dbtr>	[0..1]	±		120
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	121
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		122
	Creditor <Cdtr>	[0..1]	±		122
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	123
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		124
	MandateRelatedInformation <MndtRltdInf>	[1..1]			124
	MandateIdentification <Mndtld>	[1..1]	Text		125
	DateOfSignature <DtOfSgntr>	[0..1]	Date		125
	MandateImage <Mndtlmg>	[0..1]	Binary		125
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		125

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		105
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		105
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		106
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		106
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		106
	TransactionChannel <TxChanl>	[0..1]	CodeSet		106
	BusinessArea <BizArea>	[0..1]	CodeSet		107
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		107
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	107
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		108
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		108
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		109

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 2406):

- *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 2406):

- *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 2406):

- *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 2346

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 2401

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 2400

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 2350

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 2406):

- *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 2370

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 2352

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 2353

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 2397

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		110
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		110
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		111
	CashierIdentification <CshrId>	[0..1]	Text		111
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	111
	ShiftNumber <ShftNb>	[0..1]	Text		111
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		111
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		111
	InvoiceNumber <InvcNb>	[0..1]	Text		111
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		112
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			112
	CommonName <CmonNm>	[1..1]	Text		112
	Address <Adr>	[0..1]	Text		112
	CountryCode <CtryCd>	[1..1]	CodeSet		112
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		112
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		112
	SplitPayment <SpltPmt>	[0..1]	Indicator		113
	RemainingAmount <RmngAmt>	[0..1]	Amount		113
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		113
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		113
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		113
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		114
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		114

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 2411

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 2411

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 2411

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 2411

2.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2410

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 2406):

- *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 2411

2.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

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 2411

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		112
	Address <Adr>	[0..1]	Text		112
	CountryCode <CtryCd>	[1..1]	CodeSet		112
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		112
	RegisteredIdentifier <Regldr>	[1..1]	Text		112

2.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

2.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

2.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

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 2414

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 2411

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 2406):

- *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 2332

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 2406):

- *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 2406):

- *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 2352

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 2395

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 2413

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		115
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		115
	SystemToNotify <SysToNtfy>	[0..1]	Text		115
	Debtor <Dbtr>	[0..1]	±		116
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	117
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		117
	Creditor <Cdtr>	[0..1]	±		117
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	118
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		119

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 2406):

- *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 2406):

- *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 2408

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

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]	±		120
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	121
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		122
	Creditor <Cdtr>	[0..1]	±		122
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	123
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		124
	MandateRelatedInformation <MndtRltdInf>	[1..1]			124
	MandateIdentification <MndtId>	[1..1]	Text		125
	DateOfSignature <DtOfSgntr>	[0..1]	Date		125
	MandateImage <MndtImg>	[0..1]	Binary		125
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		125

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

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		125
	DateOfSignature <DtOfSgntr>	[0..1]	Date		125
	MandateImage <MndtImg>	[0..1]	Binary		125
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		125

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 2411

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 2404

2.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService2Code" on page 2390

CodeName	Name	Definition
FSPQ	FinancialPaymentRequest	The Sale System requests to the POI System to perform a payment(Purchase/Refund/PWCB/MOTO Payment/...).
FSRQ	FinancialReversalRequest	The Sale System requests to the POI System to perform a reversal partial or complete to cancel a former payment service.
FSIQ	FinancialBalanceInquiryRequest	The Sale System requests to the POI System to perform balance inquiry on the main account.
FSBQ	FinancialBatchRequest	The Batch message pair is used to request or get the result of transactions (payment, loyalty and reversal) performed without connection to the Sale system (Payment delivery).
FSLQ	FinancialLoyaltyRequest	The Sale System requests to the POI System a loyalty service like loading or redeem.
FSVQ	FinancialStoredValueRequest	The Sale System requests to the POI System to manage a stored value card or account (eg. Load, Payment, Reimbursement).
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.
FSAQ	FinancialCardAcquisitionRequest	The Sale System requests to the POI System to handle a card data acquisition on the card reader.
FSCQ	FinancialReconciliationRequest	The Sale System request to the POI System different kinds of transaction reconciliation.

2.4.2.4 PaymentRequest <PmtReq>

Presence: [0..1]

Definition: Content of the payment request.

PaymentRequest <PmtReq> contains the following **PaymentRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentTransaction <PmtTx>	[0..1]			131
	TransactionCapture <TxCaptr>	[0..1]	Indicator		136
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		136
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		137
	TransactionType <TxTp>	[1..1]	CodeSet		137
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		138
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		139
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		139
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		139
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		140
	TransactionIdentification <TxId>	[1..1]	±		140
	OriginalTransaction <OrgnlTx>	[0..1]			140
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		142
	TransactionIdentification <TxId>	[1..1]	±		142
	POIIdentification <POIID>	[1..1]	±		142
	CurrencyConversion <CcyConvs>	[0..1]			142
	Result <Rslt>	[1..1]	CodeSet		145
	ResultReason <RsltRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtls>	[0..*]			145
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <Dclrtndtls>	[0..*]	±		151
	ReconciliationIdentification <Rcncntnld>	[0..1]	Text		152
	IssuerReferenceData <IssrRefData>	[0..1]	Text		152
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		152
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		152
	TransactionDetails <TxDtls>	[1..1]			153
	Currency <Ccy>	[0..1]	CodeSet	C1	156
	TotalAmount <TtlAmt>	[1..1]	Amount		156
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		156
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		156
	DetailedAmount <DtldAmt>	[0..1]	±		156
	RequestedAmount <ReqdAmt>	[0..1]	Amount		157
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		157
	ValidityDate <VldtyDt>	[0..1]	Date		157
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		157
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		158
	AccountType <AcctTp>	[0..1]	CodeSet		158
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			159
	AcceptedByCardholder <AcctdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <DclrtnDtls>	[0..*]	±		167
	Instalment <Instlmt>	[0..*]	±		168
	Recurring <Rcrng>	[0..1]	±		169
	AggregationTransaction <AggtnTx>	[0..1]	±		170
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		170
	SaleItem <Saleitm>	[0..*]	±		170
	DeliveryLocation <DlvryLctn>	[0..1]	Text		171
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		171
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		171
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		171
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		172
	AdditionalInformation <AddtlInf>	[0..*]			172
	Identification <Id>	[1..1]	Text		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		173
	AuthorisationResult <AuthstnRslt>	[0..1]			173
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		173
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			174
	Response <Rspn>	[1..1]	CodeSet		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175
	AuthorisationCode <AuthstnCd>	[0..1]	Text		175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		175
	CustomerOrder <CstmrOrd>	[0..1]	±		175
	CustomerToken <CstmrTkn>	[0..1]	±		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		176
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		176
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		176
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		177
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		177
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		177
	LoyaltyData <LltyData>	[0..*]			177
	CustomerOrder <CstmrOrd>	[0..1]	±		177
	Account <Acct>	[0..1]	±		178
	Amount <Amt>	[0..1]			178
	Unit <Unit>	[0..1]	CodeSet		179
	Currency <Ccy>	[0..1]	CodeSet	C1	179
	Amount <Amt>	[1..1]	Amount		179

2.4.2.4.1 PaymentTransaction <PmtTx>

Presence: [0..1]

Definition: Data associated with the Transaction.

PaymentTransaction <PmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		136
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		136
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		137
	TransactionType <TxTp>	[1..1]	CodeSet		137
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		138
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		139
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		139
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		139
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		140
	TransactionIdentification <TxId>	[1..1]	±		140
	OriginalTransaction <OrgnlTx>	[0..1]			140
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		142
	TransactionIdentification <TxId>	[1..1]	±		142
	POIIdentification <POIID>	[1..1]	±		142
	CurrencyConversion <CcyConvs>	[0..1]			142
	Result <Rslt>	[1..1]	CodeSet		145
	ResultReason <RsltRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtls>	[0..*]			145
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <DclrtnDtls>	[0..*]	±		151
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		152
	IssuerReferenceData <IssrRefData>	[0..1]	Text		152
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		152
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		152
	TransactionDetails <TxDtls>	[1..1]			153
	Currency <Ccy>	[0..1]	CodeSet	C1	156
	TotalAmount <TtlAmt>	[1..1]	Amount		156
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		156
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		156
	DetailedAmount <DtldAmt>	[0..1]	±		156
	RequestedAmount <ReqdAmt>	[0..1]	Amount		157
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		157
	InvoiceAmount <InvcAmt>	[0..1]	Amount		157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		157
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		157
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		158
	AccountType <AcctTp>	[0..1]	CodeSet		158
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			159
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltgAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <DclrtnDtls>	[0..*]	±		167
	Instalment <Instlmt>	[0..*]	±		168
	Recurring <Rcrng>	[0..1]	±		169
	AggregationTransaction <AggtnTx>	[0..1]	±		170
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		170
	SaleItem <Saleitm>	[0..*]	±		170
	DeliveryLocation <DlvryLctn>	[0..1]	Text		171
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		171
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		171
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		171
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		172
	AdditionalInformation <AddtlInf>	[0..*]			172
	Identification <Id>	[1..1]	Text		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		173
	AuthorisationResult <AuthstnRslt>	[0..1]			173
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		173
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			174
	Response <Rspn>	[1..1]	CodeSet		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175
	AuthorisationCode <AuthstnCd>	[0..1]	Text		175
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		175

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		175
	CustomerToken <CstmrTkn>	[0..1]	±		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		176
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		176
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		176
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		177
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		177
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		177

2.4.2.4.1.1 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 2406):

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

2.4.2.4.1.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.4.1.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.4.1.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.4.1.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.4.1.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.4.1.7 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 2406):

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

2.4.2.4.1.8 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 2414

2.4.2.4.1.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.4.1.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.4.1.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		142
	TransactionIdentification <TxId>	[1..1]	±		142
	POIIdentification <POIID>	[1..1]	±		142
	CurrencyConversion <CcyConvs>	[0..1]			142
	Result <RsIt>	[1..1]	CodeSet		145
	ResultReason <RsItRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtIs>	[0..*]			145
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsItgAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <Dclrtndtls>	[0..*]	±		151

2.4.2.4.1.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.4.1.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.4.1.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.4.1.11.4 CurrencyConversion <CcyConv>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		145
	ResultReason <RsltRsn>	[0..1]	Text		145
	ConversionDetails <ConvsDtls>	[0..*]			145
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplblBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <DclrtnDtls>	[0..*]	±		151

2.4.2.4.1.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.4.1.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.11.4.3 ConversionDetails <ConvDsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		147
	TargetCurrency <TrgtCcy>	[1..1]			147
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147
	ResultingAmount <RsltAmt>	[0..1]	Amount		148
	ExchangeRate <XchgRate>	[1..1]	Rate		148
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		148
	QuotationDate <QtnDt>	[0..1]	DateTime		148
	ValidFrom <VldFr>	[0..1]	DateTime		148
	ValidUntil <VldUntil>	[0..1]	DateTime		148
	SourceCurrency <SrcCcy>	[1..1]			148
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149
	ApplicableBinRange <AplBlBinRg>	[0..*]			149
	LowerBin <LwrBin>	[1..1]	Text		150
	HigherBin <HghrBin>	[1..1]	Text		150
	OriginalAmount <OrgnlAmt>	[0..1]			150
	ActualAmount <ActlAmt>	[0..1]	Amount		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150
	CommissionDetails <ComssnDtls>	[0..*]			151
	Amount <Amt>	[1..1]	Amount		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	MarkUpDetails <MrkUpDtls>	[0..*]			151
	Rate <Rate>	[1..1]	Rate		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151
	DeclarationDetails <DclrtDtls>	[0..*]	±		151

2.4.2.4.1.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.4.1.11.4.3.2 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	147
	NumericCode <NmrcCd>	[1..1]	Text		147
	Decimal <Dcml>	[1..1]	Quantity		147
	Name <Nm>	[0..1]	Text		147

2.4.2.4.1.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.1.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.4.1.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.4.1.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.11.4.3.4 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 2407

2.4.2.4.1.11.4.3.5 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 2407

2.4.2.4.1.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.11.4.3.9 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	149
	NumericCode <NmrcCd>	[0..1]	Text		149
	Decimal <Dcml>	[0..1]	Quantity		149
	Name <Nm>	[0..1]	Text		149

2.4.2.4.1.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.1.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.4.1.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.4.1.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.11.4.3.10 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		150
	HigherBin <HghrBin>	[1..1]	Text		150

2.4.2.4.1.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.4.1.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.4.1.11.4.3.11 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		150
	MinimumAmount <MinAmt>	[0..1]	Amount		150
	MaximumAmount <MaxAmt>	[0..1]	Amount		150

2.4.2.4.1.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.11.4.3.12 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		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151

2.4.2.4.1.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.4.1.11.4.3.13 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		151
	AdditionalInformation <AddtlInf>	[0..1]	Text		151

2.4.2.4.1.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.4.1.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.4.1.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.4.1.12 ReconciliationIdentification <RnccltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.4.1.14 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 2409

2.4.2.4.1.15 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 2409

2.4.2.4.1.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	156
	TotalAmount <TtlAmt>	[1..1]	Amount		156
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		156
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		156
	DetailedAmount <DtldAmt>	[0..1]	±		156
	RequestedAmount <ReqdAmt>	[0..1]	Amount		157
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		157
	InvoiceAmount <InvcAmt>	[0..1]	Amount		157
	ValidityDate <VldtyDt>	[0..1]	Date		157
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		157
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		158
	AccountType <AcctTp>	[0..1]	CodeSet		158
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			159
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <Dclrtndtls>	[0..*]	±		167
	Instalment <Instlmt>	[0..*]	±		168
	Recurring <Rcrng>	[0..1]	±		169
	AggregationTransaction <AggtTx>	[0..1]	±		170
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		170
	SaleItem <Saleitm>	[0..*]	±		170
	DeliveryLocation <DivryLctn>	[0..1]	Text		171
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		171
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		171
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		171
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		172
	AdditionalInformation <AddtlInf>	[0..*]			172
	Identification <Id>	[1..1]	Text		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		173

2.4.2.4.1.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.1.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.4.1.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.4.1.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.4.1.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.4.1.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.4.1.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.4.1.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		161
	Conversion <Convs>	[0..1]			161
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <DclrtnDtls>	[0..*]	±		167

2.4.2.4.1.16.13.1 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 2406):

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

2.4.2.4.1.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		163
	TargetCurrency <TrgtCcy>	[1..1]			163
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163
	ResultingAmount <RsltAmt>	[0..1]	Amount		164
	ExchangeRate <XchgRate>	[1..1]	Rate		164
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		164
	QuotationDate <QtnDt>	[0..1]	DateTime		164
	ValidFrom <VldFr>	[0..1]	DateTime		164
	ValidUntil <VldUntil>	[0..1]	DateTime		164
	SourceCurrency <SrcCcy>	[1..1]			164
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165
	ApplicableBinRange <AplblBinRg>	[0..*]			165
	LowerBin <LwrBin>	[1..1]	Text		166
	HigherBin <HghrBin>	[1..1]	Text		166
	OriginalAmount <OrgnlAmt>	[0..1]			166
	ActualAmount <ActlAmt>	[0..1]	Amount		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166
	CommissionDetails <ComssnDtls>	[0..*]			167
	Amount <Amt>	[1..1]	Amount		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	MarkUpDetails <MrkUpDtls>	[0..*]			167
	Rate <Rate>	[1..1]	Rate		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167
	DeclarationDetails <DclrtDtls>	[0..*]	±		167

2.4.2.4.1.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.4.1.16.13.2.2 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	163
	NumericCode <NmrcCd>	[1..1]	Text		163
	Decimal <Dcml>	[1..1]	Quantity		163
	Name <Nm>	[0..1]	Text		163

2.4.2.4.1.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.1.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.4.1.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.4.1.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.13.2.4 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 2407

2.4.2.4.1.16.13.2.5 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 2407

2.4.2.4.1.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.4.1.16.13.2.9 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	165
	NumericCode <NmrcCd>	[0..1]	Text		165
	Decimal <Dcml>	[0..1]	Quantity		165
	Name <Nm>	[0..1]	Text		165

2.4.2.4.1.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.1.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.4.1.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.4.1.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.16.13.2.10 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		166
	HigherBin <HghrBin>	[1..1]	Text		166

2.4.2.4.1.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.4.1.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.4.1.16.13.2.11 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		166
	MinimumAmount <MinAmt>	[0..1]	Amount		166
	MaximumAmount <MaxAmt>	[0..1]	Amount		166

2.4.2.4.1.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.13.2.12 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		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167

2.4.2.4.1.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.4.1.16.13.2.13 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		167
	AdditionalInformation <AddtlInf>	[0..1]	Text		167

2.4.2.4.1.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.4.1.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.4.1.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.4.1.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.4.1.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.4.1.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see ["AggregationTransaction3"](#) on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

2.4.2.4.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 2408

2.4.2.4.1.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.4.1.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.4.1.16.20 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 2406

2.4.2.4.1.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.4.1.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.4.1.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.4.1.16.24 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		172
	Value <Val>	[0..1]	Binary		172
	ProtectedValue <PrctcdVal>	[0..1]	±		172
	Type <Tp>	[0..1]	Text		173

2.4.2.4.1.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.4.1.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.4.1.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.4.1.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.4.1.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.4.1.17 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]	±		173
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			174
	Response <Rspn>	[1..1]	CodeSet		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175
	AuthorisationCode <AuthstnCd>	[0..1]	Text		175

2.4.2.4.1.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.4.1.17.2 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		174
	ResponseReason <RspnRsn>	[0..1]	Text		174
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		175

2.4.2.4.1.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

2.4.2.4.1.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.4.1.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.4.1.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.4.1.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.4.1.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.4.1.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2329

2.4.2.4.1.21 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 2406):

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

2.4.2.4.1.22 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 2411

2.4.2.4.1.23 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 2411

2.4.2.4.1.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.4.1.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.4.1.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.4.1.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.4.2 LoyaltyData <LtyData>

Presence: [0..*]

Definition: Data linked to card loyalty during payment.

LoyaltyData <LtyData> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		177
	Account <Acct>	[0..1]	±		178
	Amount <Amt>	[0..1]			178
	Unit <Unit>	[0..1]	CodeSet		179
	Currency <Ccy>	[0..1]	CodeSet	C1	179
	Amount <Amt>	[1..1]	Amount		179

2.4.2.4.2.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.4.2.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.4.2.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		179
	Currency <Ccy>	[0..1]	CodeSet	C1	179
	Amount <Amt>	[1..1]	Amount		179

2.4.2.4.2.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.4.2.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.4.2.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5 ReversalRequest <RvslReq>

Presence: [0..1]

Definition: Content of the reversal request.

ReversalRequest <RvslReq> contains the following **ReversalRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalTransaction <RvslTx>	[0..1]			184
	TransactionCapture <TxCaptr>	[0..1]	Indicator		189
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		189
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		190
	TransactionType <TxTp>	[1..1]	CodeSet		190
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		191
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		192
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		192
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		192
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		193
	TransactionIdentification <TxId>	[1..1]	±		193
	OriginalTransaction <OrgnlTx>	[0..1]			193
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		195
	TransactionIdentification <TxId>	[1..1]	±		195
	POIIdentification <POIID>	[1..1]	±		195
	CurrencyConversion <CcyConvs>	[0..1]			195
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			201
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <Dclrtndtls>	[0..*]	±		204
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		205
	IssuerReferenceData <IssrRefData>	[0..1]	Text		205
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		205
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		205
	TransactionDetails <TxDtls>	[1..1]			206
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	TotalAmount <TtlAmt>	[1..1]	Amount		209
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		209
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		209
	DetailedAmount <DtldAmt>	[0..1]	±		209
	RequestedAmount <ReqdAmt>	[0..1]	Amount		210
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		210

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		210
	ValidityDate <VldtyDt>	[0..1]	Date		210
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		210
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		211
	AccountType <AcctTp>	[0..1]	CodeSet		211
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			212
	AcceptedByCardholder <AcctdByCrdhldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		219
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <Dclrtndtls>	[0..*]	±		220
	Instalment <Instlmt>	[0..*]	±		221
	Recurring <Rcrng>	[0..1]	±		222
	AggregationTransaction <AggtnTx>	[0..1]	±		223
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		223
	SaleItem <Saleitm>	[0..*]	±		223
	DeliveryLocation <DlvryLctn>	[0..1]	Text		224
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		224
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		224
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		224
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		225
	AdditionalInformation <AddtlInf>	[0..*]			225
	Identification <Id>	[1..1]	Text		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrctcdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		226
	AuthorisationResult <AuthstnRslt>	[0..1]			226
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		226
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			227
	Response <Rspn>	[1..1]	CodeSet		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		228
	CustomerOrder <CstmrOrd>	[0..1]	±		228
	CustomerToken <CstmrTkn>	[0..1]	±		228
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		229
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		229
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		229
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		229
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		230
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		230
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		230
	LoyaltyData <LltyData>	[0..*]			230
	CustomerOrder <CstmrOrd>	[0..1]	±		230
	Account <Acct>	[0..1]	±		231
	Amount <Amt>	[0..1]			231
	Unit <Unit>	[0..1]	CodeSet		232
	Currency <Ccy>	[0..1]	CodeSet	C1	232
	Amount <Amt>	[1..1]	Amount		232
	ReversalReason <RvslRsn>	[1..1]	CodeSet		232
	ReversedAmount <RvsdAmt>	[0..1]	Amount		233
	CustomerOrder <CstmrOrd>	[0..1]	±		233

2.4.2.5.1 ReversalTransaction <RvslTx>

Presence: [0..1]

Definition: Transaction to reverse.

ReversalTransaction <RvslTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		189
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		189
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		190
	TransactionType <TxTp>	[1..1]	CodeSet		190
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		191
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		192
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		192
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		192
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		193
	TransactionIdentification <Txld>	[1..1]	±		193
	OriginalTransaction <OrgnlTx>	[0..1]			193
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		195
	TransactionIdentification <Txld>	[1..1]	±		195
	POIIdentification <POIld>	[1..1]	±		195
	CurrencyConversion <CcyConvs>	[0..1]			195
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <DclrtnDtls>	[0..*]	±		204
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		205
	IssuerReferenceData <IssrRefData>	[0..1]	Text		205
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		205
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		205
	TransactionDetails <TxDtls>	[1..1]			206
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	TotalAmount <TtlAmt>	[1..1]	Amount		209
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		209
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		209
	DetailedAmount <DtldAmt>	[0..1]	±		209
	RequestedAmount <ReqdAmt>	[0..1]	Amount		210
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		210
	InvoiceAmount <InvcAmt>	[0..1]	Amount		210

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		210
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		210
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		211
	AccountType <AcctTp>	[0..1]	CodeSet		211
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			212
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <DclrtDtls>	[0..*]	±		220
	Instalment <Instlmt>	[0..*]	±		221
	Recurring <Rcrng>	[0..1]	±		222
	AggregationTransaction <AggtnTx>	[0..1]	±		223
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		223
	SaleItem <Saleitm>	[0..*]	±		223
	DeliveryLocation <DlvryLctn>	[0..1]	Text		224
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		224
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		224
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		224
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		225
	AdditionalInformation <AddtlInf>	[0..*]			225
	Identification <Id>	[1..1]	Text		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrctcdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		226
	AuthorisationResult <AuthstnRslt>	[0..1]			226
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		226
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			227
	Response <Rspn>	[1..1]	CodeSet		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		228
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		228
	CustomerToken <CstmrTkn>	[0..1]	±		228
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		229
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		229
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		229
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		229
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		230
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		230
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		230

2.4.2.5.1.1 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 2406):

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

2.4.2.5.1.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.5.1.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.5.1.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.5.1.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.5.1.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.5.1.7 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 2406):

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

2.4.2.5.1.8 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 2414

2.4.2.5.1.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.5.1.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.5.1.11 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		195
	TransactionIdentification <TxId>	[1..1]	±		195
	POIIdentification <POIID>	[1..1]	±		195
	CurrencyConversion <CcyConvs>	[0..1]			195
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <Dclrtndtls>	[0..*]	±		204

2.4.2.5.1.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.5.1.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.5.1.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.5.1.11.4 CurrencyConversion <CcyConv>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		198
	ResultReason <RsltRsn>	[0..1]	Text		198
	ConversionDetails <ConvsDtls>	[0..*]			198
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <Dclrtndtls>	[0..*]	±		204

2.4.2.5.1.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.5.1.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.11.4.3 ConversionDetails <ConvDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		200
	TargetCurrency <TrgtCcy>	[1..1]			200
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200
	ResultingAmount <RsltAmt>	[0..1]	Amount		201
	ExchangeRate <XchgRate>	[1..1]	Rate		201
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		201
	QuotationDate <QtnDt>	[0..1]	DateTime		201
	ValidFrom <VldFr>	[0..1]	DateTime		201
	ValidUntil <VldUntil>	[0..1]	DateTime		201
	SourceCurrency <SrcCcy>	[1..1]			201
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202
	ApplicableBinRange <AplblBinRg>	[0..*]			202
	LowerBin <LwrBin>	[1..1]	Text		203
	HigherBin <HghrBin>	[1..1]	Text		203
	OriginalAmount <OrgnlAmt>	[0..1]			203
	ActualAmount <ActlAmt>	[0..1]	Amount		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203
	CommissionDetails <ComssnDtls>	[0..*]			204
	Amount <Amt>	[1..1]	Amount		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	MarkUpDetails <MrkUpDtls>	[0..*]			204
	Rate <Rate>	[1..1]	Rate		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204
	DeclarationDetails <DclrtDtls>	[0..*]	±		204

2.4.2.5.1.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.5.1.11.4.3.2 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	200
	NumericCode <NmrcCd>	[1..1]	Text		200
	Decimal <Dcml>	[1..1]	Quantity		200
	Name <Nm>	[0..1]	Text		200

2.4.2.5.1.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.1.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.5.1.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.5.1.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.11.4.3.4 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 2407

2.4.2.5.1.11.4.3.5 InvertedExchangeRate <NvrtXdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

2.4.2.5.1.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.11.4.3.9 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	202
	NumericCode <NmrcCd>	[0..1]	Text		202
	Decimal <Dcml>	[0..1]	Quantity		202
	Name <Nm>	[0..1]	Text		202

2.4.2.5.1.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.1.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.5.1.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.5.1.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.11.4.3.10 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		203
	HigherBin <HghrBin>	[1..1]	Text		203

2.4.2.5.1.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.5.1.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.5.1.11.4.3.11 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		203
	MinimumAmount <MinAmt>	[0..1]	Amount		203
	MaximumAmount <MaxAmt>	[0..1]	Amount		203

2.4.2.5.1.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.11.4.3.12 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		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204

2.4.2.5.1.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.5.1.11.4.3.13 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		204
	AdditionalInformation <AddtlInf>	[0..1]	Text		204

2.4.2.5.1.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.5.1.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.5.1.11.4.3.14 DeclarationDetails <DclrtNdtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.5.1.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.5.1.14 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 2409

2.4.2.5.1.15 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 2409

2.4.2.5.1.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	209
	TotalAmount <TtlAmt>	[1..1]	Amount		209
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		209
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		209
	DetailedAmount <DtldAmt>	[0..1]	±		209
	RequestedAmount <ReqdAmt>	[0..1]	Amount		210
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		210
	InvoiceAmount <InvcAmt>	[0..1]	Amount		210
	ValidityDate <VldtyDt>	[0..1]	Date		210
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		210
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		211
	AccountType <AcctTp>	[0..1]	CodeSet		211
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			212
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <Dclrtndtls>	[0..*]	±		220
	Instalment <Instlmt>	[0..*]	±		221
	Recurring <Rcrng>	[0..1]	±		222
	AggregationTransaction <AggtTx>	[0..1]	±		223
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		223
	SaleItem <Saleitm>	[0..*]	±		223
	DeliveryLocation <DivryLctn>	[0..1]	Text		224
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		224
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		224
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		224
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		225
	AdditionalInformation <AddtlInf>	[0..*]			225
	Identification <Id>	[1..1]	Text		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrctcdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		226

2.4.2.5.1.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.1.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.5.1.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.5.1.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.5.1.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.5.1.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.5.1.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.5.1.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		214
	Conversion <Convs>	[0..1]			214
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <DclrtnDtls>	[0..*]	±		220

2.4.2.5.1.16.13.1 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 2406):

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

2.4.2.5.1.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		216
	TargetCurrency <TrgtCcy>	[1..1]			216
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216
	ResultingAmount <RsltAmt>	[0..1]	Amount		217
	ExchangeRate <XchgRate>	[1..1]	Rate		217
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		217
	QuotationDate <QtnDt>	[0..1]	DateTime		217
	ValidFrom <VldFr>	[0..1]	DateTime		217
	ValidUntil <VldUntil>	[0..1]	DateTime		217
	SourceCurrency <SrcCcy>	[1..1]			217
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218
	ApplicableBinRange <AplblBinRg>	[0..*]			218
	LowerBin <LwrBin>	[1..1]	Text		219
	HigherBin <HghrBin>	[1..1]	Text		219
	OriginalAmount <OrgnlAmt>	[0..1]			219
	ActualAmount <ActlAmt>	[0..1]	Amount		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219
	CommissionDetails <ComssnDtls>	[0..*]			220
	Amount <Amt>	[1..1]	Amount		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	MarkUpDetails <MrkUpDtls>	[0..*]			220
	Rate <Rate>	[1..1]	Rate		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220
	DeclarationDetails <DclrtDtls>	[0..*]	±		220

2.4.2.5.1.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.5.1.16.13.2.2 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	216
	NumericCode <NmrcCd>	[1..1]	Text		216
	Decimal <Dcml>	[1..1]	Quantity		216
	Name <Nm>	[0..1]	Text		216

2.4.2.5.1.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.1.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.5.1.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.5.1.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.13.2.4 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 2407

2.4.2.5.1.16.13.2.5 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 2407

2.4.2.5.1.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.5.1.16.13.2.9 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	218
	NumericCode <NmrcCd>	[0..1]	Text		218
	Decimal <Dcml>	[0..1]	Quantity		218
	Name <Nm>	[0..1]	Text		218

2.4.2.5.1.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.1.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.5.1.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.5.1.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.16.13.2.10 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		219
	HigherBin <HghrBin>	[1..1]	Text		219

2.4.2.5.1.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.5.1.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.5.1.16.13.2.11 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		219
	MinimumAmount <MinAmt>	[0..1]	Amount		219
	MaximumAmount <MaxAmt>	[0..1]	Amount		219

2.4.2.5.1.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.13.2.12 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		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220

2.4.2.5.1.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.5.1.16.13.2.13 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		220
	AdditionalInformation <AddtlInf>	[0..1]	Text		220

2.4.2.5.1.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.5.1.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.5.1.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.5.1.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.5.1.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.5.1.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see ["AggregationTransaction3"](#) on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

2.4.2.5.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 2408

2.4.2.5.1.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.5.1.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.5.1.16.20 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 2406

2.4.2.5.1.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.5.1.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.5.1.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.1.16.24 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		225
	Value <Val>	[0..1]	Binary		225
	ProtectedValue <PrctcdVal>	[0..1]	±		225
	Type <Tp>	[0..1]	Text		226

2.4.2.5.1.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.5.1.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.5.1.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.5.1.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.5.1.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.5.1.17 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]	±		226
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			227
	Response <Rspn>	[1..1]	CodeSet		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228
	AuthorisationCode <AuthstnCd>	[0..1]	Text		228

2.4.2.5.1.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.5.1.17.2 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		227
	ResponseReason <RspnRsn>	[0..1]	Text		227
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		228

2.4.2.5.1.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

2.4.2.5.1.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.5.1.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.5.1.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.5.1.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.5.1.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.5.1.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2329

2.4.2.5.1.21 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 2406):

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

2.4.2.5.1.22 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 2411

2.4.2.5.1.23 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 2411

2.4.2.5.1.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.5.1.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.5.1.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.5.1.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.5.2 LoyaltyData <LtyData>

Presence: [0..*]

Definition: Data linked to card loyalty during payment.

LoyaltyData <LtyData> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrd>	[0..1]	±		230
	Account <Acct>	[0..1]	±		231
	Amount <Amt>	[0..1]			231
	Unit <Unit>	[0..1]	CodeSet		232
	Currency <Ccy>	[0..1]	CodeSet	C1	232
	Amount <Amt>	[1..1]	Amount		232

2.4.2.5.2.1 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.5.2.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.5.2.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		232
	Currency <Ccy>	[0..1]	CodeSet	C1	232
	Amount <Amt>	[1..1]	Amount		232

2.4.2.5.2.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.5.2.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.5.2.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.3 ReversalReason <RvsIRsn>

Presence: [1..1]

Definition: Reason for this reversal.

Datatype: "ReversalReason1Code" on page 2393

CodeName	Name	Definition
CUSC	CustomerCancellation	Customer cancels the transaction.

CodeName	Name	Definition
MALF	Malfuntion	Reversal after a suspicion of malfunction of the POI system.
MERC	MerchantCancellation	Merchant or Cashier cancels the transaction.
UNAB	UnableToComplete	POI System unable to complete transaction.

2.4.2.5.4 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount to reverse (total or partial).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.5.5 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Specific Customer Order linked with the reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.6 BalanceInquiryRequest <BalNqryReq>

Presence: [0..1]

Definition: Content of a Balance Inquiry Request.

BalanceInquiryRequest <BalNqryReq> contains the following **BalanceInquiryRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		239
	PaymentAccountRequest <PmtAcctReq>	[0..1]			239
	AccountType <AcctTp>	[0..1]	CodeSet		239
	CustomerOrder <CstmrOrd>	[0..1]	±		240
	AccountReference <AcctRef>	[0..1]	Text		241
	LoyaltyAccountRequest <LltyAcctReq>	[0..1]			241
	CustomerOrder <CstmrOrd>	[0..1]	±		241
	Account <Acct>	[0..1]	±		242
	StoredValueAccountRequest <StordValAcctReq>	[0..1]			242
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		248
	Data <Data>	[1..*]			248
	Provider <Prvdr>	[0..1]	Text		253
	TransactionType <TxTp>	[1..1]	CodeSet		254
	AccountIdentification <AcctId>	[0..1]			254
	AccountType <AcctTp>	[0..1]	CodeSet		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			257
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIID>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltgAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtDtls>	[0..*]	±		277
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvRsult>	[0..1]			285
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			287
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkupDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtnTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrtctdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301
	CustomerOrder <CstmrOrd>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	ProductCode <PdctCd>	[0..1]	Text		303
	EANUPC <EANUPC>	[0..1]	Text		303
	ItemAmount <ItmAmt>	[0..1]	Amount		303
	Currency <Ccy>	[0..1]	CodeSet	C1	303
	HostTransactionIdentification <HstTxId>	[0..1]	±		304

2.4.2.6.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.6.2 PaymentAccountRequest <PmtAcctReq>

Presence: [0..1]

Definition: Data related to the account pointed by the payment card.

PaymentAccountRequest <PmtAcctReq> contains the following **PaymentAccountRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		239
	CustomerOrder <CstmrOrdr>	[0..1]	±		240
	AccountReference <AcctRef>	[0..1]	Text		241

2.4.2.6.2.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction. By Default the code Default is taken into account.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.6.2.2 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "[CustomerOrder1](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.6.2.3 AccountReference <AcctRef>

Presence: [0..1]

Definition: Reference of an account (all types).

Datatype: "[Max35Text](#)" on page 2411

2.4.2.6.3 LoyaltyAccountRequest <LltyAcctReq>

Presence: [0..1]

Definition: Data related to a requested Loyalty program or account.

LoyaltyAccountRequest <LltyAcctReq> contains the following **LoyaltyAccountRequest3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdrr>	[0..1]	±		241
	Account <Acct>	[0..1]	±		242

2.4.2.6.3.1 CustomerOrder <CstmrOrdrr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrdr> contains the following elements (see "[CustomerOrder1](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.6.3.2 Account <Acct>

Presence: [0..1]

Definition: Loyalty account information.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.6.4 StoredValueAccountRequest <StordValAcctReq>

Presence: [0..1]

Definition: Data related to a requested Stored value account.

StoredValueAccountRequest <StordValAcctReq> contains the following **StoredValueRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		248
	Data <Data>	[1..*]			248
	Provider <Prvdr>	[0..1]	Text		253
	TransactionType <TxTp>	[1..1]	CodeSet		254
	AccountIdentification <AcctId>	[0..1]			254
	AccountType <AcctTp>	[0..1]	CodeSet		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			257
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIId>	[1..1]	±		268

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtnDtls>	[0..*]	±		277
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <DclrtnDtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtnTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		297

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrtctdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301
	CustomerOrder <CstmrOrd>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	ProductCode <PdctCd>	[0..1]	Text		303
	EANUPC <EANUPC>	[0..1]	Text		303
	ItemAmount <ItmAmt>	[0..1]	Amount		303
	Currency <Ccy>	[0..1]	CodeSet	C1	303
	HostTransactionIdentification <HstTxId>	[0..1]	±		304

2.4.2.6.4.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.6.4.2 Data <Data>

Presence: [1..*]

Definition: Data related to the stored value card.

Data <Data> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		253
	TransactionType <TxTp>	[1..1]	CodeSet		254
	AccountIdentification <AcctId>	[0..1]			254
	AccountType <AcctTp>	[0..1]	CodeSet		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			257
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		266
	TransactionIdentification <TxId>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIId>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		277
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <Dclrtndtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtnTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301
	CustomerOrder <CstmrOrdrr>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303
	ProductCode <PdctCd>	[0..1]	Text		303
	EANUPC <EANUPC>	[0..1]	Text		303
	ItemAmount <ItmAmt>	[0..1]	Amount		303
	Currency <Ccy>	[0..1]	CodeSet	C1	303
	HostTransactionIdentification <HstTxId>	[0..1]	±		304

2.4.2.6.4.2.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.2 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 2396

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.

2.4.2.6.4.2.3 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		254
	IdentificationType <IdTp>	[0..1]	CodeSet		255
	Identification <Id>	[0..1]	Text		256
	Brand <Brnd>	[0..1]	Text		256
	Provider <Prvdr>	[0..1]	Text		256
	OwnerName <OwnrNm>	[0..1]	Text		256
	ExpiryDate <XpryDt>	[0..1]	Text		256
	EntryMode <NtryMd>	[0..1]	CodeSet		256
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	Balance <Bal>	[0..1]	Amount		257

2.4.2.6.4.2.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

2.4.2.6.4.2.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

2.4.2.6.4.2.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

2.4.2.6.4.2.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

2.4.2.6.4.2.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

2.4.2.6.4.2.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4 OriginalPOITransaction <OrgnIPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		262
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		262
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		263
	TransactionType <TxTp>	[1..1]	CodeSet		263
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		264
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		265
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		265
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		265
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		266
	TransactionIdentification <Txld>	[1..1]	±		266
	OriginalTransaction <OrgnlTx>	[0..1]			266
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		268
	TransactionIdentification <Txld>	[1..1]	±		268
	POIIdentification <POIld>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtnDtls>	[0..*]	±		277
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		278
	IssuerReferenceData <IssrRefData>	[0..1]	Text		278
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		278
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		278
	TransactionDetails <TxDtls>	[1..1]			279
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvcAmt>	[0..1]	Amount		283

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <Dclrtndtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtnTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DlvryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctcdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		299
	AuthorisationResult <AuthstnRslt>	[0..1]			299
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		301

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		301
	CustomerToken <CstmrTkn>	[0..1]	±		301
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		302
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		302
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		302
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		302
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		303
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		303
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		303

2.4.2.6.4.2.4.1 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 2406):

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

2.4.2.6.4.2.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.6.4.2.4.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.6.4.2.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.6.4.2.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.6.4.2.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.6.4.2.4.7 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 2406):

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

2.4.2.6.4.2.4.8 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 2414

2.4.2.6.4.2.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.6.4.2.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		268
	TransactionIdentification <TxId>	[1..1]	±		268
	POIIdentification <POIID>	[1..1]	±		268
	CurrencyConversion <CcyConvs>	[0..1]			268
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <Dclrtndtls>	[0..*]	±		277

2.4.2.6.4.2.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.6.4.2.4.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.6.4.2.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		271
	ResultReason <RsltRsn>	[0..1]	Text		271
	ConversionDetails <ConvsDtls>	[0..*]			271
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkupDetails <MrkUpDtls>	[0..*]			277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtnDtls>	[0..*]	±		277

2.4.2.6.4.2.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.6.4.2.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		273
	TargetCurrency <TrgtCcy>	[1..1]			273
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273
	ResultingAmount <RsltAmt>	[0..1]	Amount		274
	ExchangeRate <XchgRate>	[1..1]	Rate		274
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		274
	QuotationDate <QtnDt>	[0..1]	DateTime		274
	ValidFrom <VldFr>	[0..1]	DateTime		274
	ValidUntil <VldUntil>	[0..1]	DateTime		274
	SourceCurrency <SrcCcy>	[1..1]			274
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275
	ApplicableBinRange <AplblBinRg>	[0..*]			275
	LowerBin <LwrBin>	[1..1]	Text		276
	HigherBin <HghrBin>	[1..1]	Text		276
	OriginalAmount <OrgnlAmt>	[0..1]			276
	ActualAmount <ActlAmt>	[0..1]	Amount		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276
	CommissionDetails <ComssnDtls>	[0..*]			277
	Amount <Amt>	[1..1]	Amount		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	MarkUpDetails <MrkUpDtls>	[0..*]			277
	Rate <Rate>	[1..1]	Rate		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277
	DeclarationDetails <DclrtDtls>	[0..*]	±		277

2.4.2.6.4.2.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.11.4.3.2 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	273
	NumericCode <NmrcCd>	[1..1]	Text		273
	Decimal <Dcml>	[1..1]	Quantity		273
	Name <Nm>	[0..1]	Text		273

2.4.2.6.4.2.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.6.4.2.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.6.4.2.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.11.4.3.4 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 2407

2.4.2.6.4.2.4.11.4.3.5 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 2407

2.4.2.6.4.2.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.11.4.3.9 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	275
	NumericCode <NmrcCd>	[0..1]	Text		275
	Decimal <Dcml>	[0..1]	Quantity		275
	Name <Nm>	[0..1]	Text		275

2.4.2.6.4.2.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.6.4.2.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.6.4.2.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.11.4.3.10 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		276
	HigherBin <HghrBin>	[1..1]	Text		276

2.4.2.6.4.2.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.6.4.2.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.6.4.2.4.11.4.3.11 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		276
	MinimumAmount <MinAmt>	[0..1]	Amount		276
	MaximumAmount <MaxAmt>	[0..1]	Amount		276

2.4.2.6.4.2.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.11.4.3.12 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		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277

2.4.2.6.4.2.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.6.4.2.4.11.4.3.13 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		277
	AdditionalInformation <AddtlInf>	[0..1]	Text		277

2.4.2.6.4.2.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.6.4.2.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.6.4.2.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <Dclrtndtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrnd>	[0..1]			2108
	BarcodeType <BrndTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrndVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.6.4.2.4.12 ReconciliationIdentification <Rcnclntld>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.6.4.2.4.14 IssuerCITIdentification <IssrCITld>

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 2409

2.4.2.6.4.2.4.15 MerchantCITIdentification <MrchntCITld>

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 2409

2.4.2.6.4.2.4.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	282
	TotalAmount <TtlAmt>	[1..1]	Amount		282
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		282
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		282
	DetailedAmount <DtldAmt>	[0..1]	±		282
	RequestedAmount <ReqdAmt>	[0..1]	Amount		283
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		283
	InvoiceAmount <InvcAmt>	[0..1]	Amount		283
	ValidityDate <VldtyDt>	[0..1]	Date		283
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		283
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		284
	AccountType <AcctTp>	[0..1]	CodeSet		284
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			285
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <Dclrtndtls>	[0..*]	±		293
	Instalment <Instlmt>	[0..*]	±		294
	Recurring <Rcrng>	[0..1]	±		295
	AggregationTransaction <AggtTx>	[0..1]	±		296
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		296
	SaleItem <Saleitm>	[0..*]	±		296
	DeliveryLocation <DivryLctn>	[0..1]	Text		297
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		297
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		297
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		297
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		298
	AdditionalInformation <AddtlInf>	[0..*]			298
	Identification <Id>	[1..1]	Text		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctcdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		299

2.4.2.6.4.2.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.6.4.2.4.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.6.4.2.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.6.4.2.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.6.4.2.4.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.6.4.2.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.6.4.2.4.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		287
	Conversion <Convs>	[0..1]			287
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltgAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <DclrtnDtls>	[0..*]	±		293

2.4.2.6.4.2.4.16.13.1 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 2406):

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

2.4.2.6.4.2.4.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		289
	TargetCurrency <TrgtCcy>	[1..1]			289
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289
	ResultingAmount <RsltAmt>	[0..1]	Amount		290
	ExchangeRate <XchgRate>	[1..1]	Rate		290
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		290
	QuotationDate <QtnDt>	[0..1]	DateTime		290
	ValidFrom <VldFr>	[0..1]	DateTime		290
	ValidUntil <VldUntil>	[0..1]	DateTime		290
	SourceCurrency <SrcCcy>	[1..1]			290
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291
	ApplicableBinRange <AplblBinRg>	[0..*]			291
	LowerBin <LwrBin>	[1..1]	Text		292
	HigherBin <HghrBin>	[1..1]	Text		292
	OriginalAmount <OrgnlAmt>	[0..1]			292
	ActualAmount <ActlAmt>	[0..1]	Amount		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292
	CommissionDetails <ComssnDtls>	[0..*]			293
	Amount <Amt>	[1..1]	Amount		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	MarkUpDetails <MrkUpDtls>	[0..*]			293
	Rate <Rate>	[1..1]	Rate		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293
	DeclarationDetails <DclrtDtls>	[0..*]	±		293

2.4.2.6.4.2.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.16.13.2.2 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	289
	NumericCode <NmrcCd>	[1..1]	Text		289
	Decimal <Dcml>	[1..1]	Quantity		289
	Name <Nm>	[0..1]	Text		289

2.4.2.6.4.2.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.6.4.2.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.6.4.2.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.13.2.4 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 2407

2.4.2.6.4.2.4.16.13.2.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

2.4.2.6.4.2.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.6.4.2.4.16.13.2.9 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	291
	NumericCode <NmrcCd>	[0..1]	Text		291
	Decimal <Dcml>	[0..1]	Quantity		291
	Name <Nm>	[0..1]	Text		291

2.4.2.6.4.2.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.6.4.2.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.6.4.2.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.6.4.2.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.16.13.2.10 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		292
	HigherBin <HghrBin>	[1..1]	Text		292

2.4.2.6.4.2.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.6.4.2.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.6.4.2.4.16.13.2.11 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		292
	MinimumAmount <MinAmt>	[0..1]	Amount		292
	MaximumAmount <MaxAmt>	[0..1]	Amount		292

2.4.2.6.4.2.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.13.2.12 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		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293

2.4.2.6.4.2.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.6.4.2.4.16.13.2.13 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		293
	AdditionalInformation <AddtlInf>	[0..1]	Text		293

2.4.2.6.4.2.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.6.4.2.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.6.4.2.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.6.4.2.4.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.6.4.2.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.6.4.2.4.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

2.4.2.6.4.2.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.6.4.2.4.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.6.4.2.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.16.20 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 2406

2.4.2.6.4.2.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.6.4.2.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.6.4.2.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.4.16.24 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		298
	Value <Val>	[0..1]	Binary		298
	ProtectedValue <PrctcdVal>	[0..1]	±		298
	Type <Tp>	[0..1]	Text		299

2.4.2.6.4.2.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.6.4.2.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.6.4.2.4.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.6.4.2.4.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.6.4.2.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.6.4.2.4.17 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]	±		299
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			300
	Response <Rspn>	[1..1]	CodeSet		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301
	AuthorisationCode <AuthstnCd>	[0..1]	Text		301

2.4.2.6.4.2.4.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.6.4.2.4.17.2 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		300
	ResponseReason <RspnRsn>	[0..1]	Text		300
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		301

2.4.2.6.4.2.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

2.4.2.6.4.2.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.6.4.2.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.6.4.2.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.6.4.2.4.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.6.4.2.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

2.4.2.6.4.2.4.21 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 2406):

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

2.4.2.6.4.2.4.22 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 2411

2.4.2.6.4.2.4.23 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 2411

2.4.2.6.4.2.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.6.4.2.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.6.4.2.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.6.4.2.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.6.4.2.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.6.4.2.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2411

2.4.2.6.4.2.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.6.4.2.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

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

2.4.2.6.4.2.9 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.7 LoyaltyRequest <LltyReq>

Presence: [0..1]

Definition: Content of the Loyalty Request.

LoyaltyRequest <LtyReq> contains the following **LoyaltyRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrd>	[0..1]	±		309
	Transaction <Tx>	[1..1]			310
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		315
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		315
	Currency <Ccy>	[0..1]	CodeSet	C1	316
	TotalAmount <TtlAmt>	[0..1]	Amount		316
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			316
	TransactionCapture <TxCaptr>	[0..1]	Indicator		321
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		321
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		322
	TransactionType <TxTp>	[1..1]	CodeSet		322
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		323
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		324
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		324
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		324
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		325
	TransactionIdentification <TxId>	[1..1]	±		325
	OriginalTransaction <OrgnlTx>	[0..1]			325
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtnDtls>	[0..*]	±		336
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		337
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		337
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		337
	TransactionDetails <TxDtls>	[1..1]			338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvcAmt>	[0..1]	Amount		342
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			344
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <ApplBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <DclrtDtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DlvryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		358

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[0..1]			358
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		360
	CustomerOrder <CstmrOrdr>	[0..1]	±		360
	CustomerToken <CstmrTkn>	[0..1]	±		360
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		361
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		361
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		361
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		361
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		362
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		362
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		362
	SaleItem <Saleitm>	[0..*]	±		362
	Data <Data>	[0..*]			363
	CustomerOrder <CstmrOrdr>	[0..1]	±		363
	Account <Acct>	[0..1]	±		364
	Amount <Amt>	[0..1]			364
	Unit <Unit>	[0..1]	CodeSet		365
	Currency <Ccy>	[0..1]	CodeSet	C1	365
	Amount <Amt>	[1..1]	Amount		365

2.4.2.7.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.7.2 Transaction <Tx>

Presence: [1..1]

Definition: Data related to the loyalty transaction.

Transaction <Tx> contains the following **LoyaltyTransaction7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		315
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		315
	Currency <Ccy>	[0..1]	CodeSet	C1	316
	TotalAmount <TtlAmt>	[0..1]	Amount		316
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			316
	TransactionCapture <TxCaptr>	[0..1]	Indicator		321
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		321
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		322
	TransactionType <TxTp>	[1..1]	CodeSet		322
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		323
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		324
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		324
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		324
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		325
	TransactionIdentification <TxId>	[1..1]	±		325
	OriginalTransaction <OrgnlTx>	[0..1]			325
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltgAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <Dclrtndtls>	[0..*]	±		336
	ReconciliationIdentification <Rcncntnld>	[0..1]	Text		337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		337
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		337
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		337
	TransactionDetails <TxDtls>	[1..1]			338
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvcAmt>	[0..1]	Amount		342
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			344
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <DclrtDtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtnTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DlvryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		358
	AuthorisationResult <AuthstnRslt>	[0..1]			358
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		360
	CustomerOrder <CstmrOrd>	[0..1]	±		360
	CustomerToken <CstmrTkn>	[0..1]	±		360
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		361
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		361
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		361
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		361
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		362
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		362
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		362
	SaleItem <Saleitm>	[0..*]	±		362

2.4.2.7.2.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.7.2.2 LoyaltyTransactionType <LtyTxTp>

Presence: [1..1]

Definition: Data related to the loyalty transaction.

Datatype: "LoyaltyTransactionType1Code" on page 2371

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.

CodeName	Name	Definition
AWRR	AwardRefund	Refund of a loyalty award transaction.
REBR	RebateRefund	Refund of a loyalty rebate transaction.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
REDR	RedemptionRefund	Refund of a loyalty redemption transaction.

2.4.2.7.2.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the loyalty transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.4 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Amount of the payment transaction related to the Loyalty.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Data of a previous POI payment transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		321
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		321
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		322
	TransactionType <TxTp>	[1..1]	CodeSet		322
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		323
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		324
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		324
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		324
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		325
	TransactionIdentification <TxId>	[1..1]	±		325
	OriginalTransaction <OrgnlTx>	[0..1]			325
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtDtls>	[0..*]	±		336
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		337
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		337
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		337
	TransactionDetails <TxDtls>	[1..1]			338
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvcAmt>	[0..1]	Amount		342

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			344
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <DclrtDtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtnTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DlvryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctcdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		358
	AuthorisationResult <AuthstnRslt>	[0..1]			358
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		360

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		360
	CustomerToken <CstmrTkn>	[0..1]	±		360
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		361
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		361
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		361
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		361
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		362
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		362
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		362

2.4.2.7.2.5.1 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 2406):

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

2.4.2.7.2.5.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.7.2.5.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.7.2.5.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.7.2.5.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.7.2.5.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.7.2.5.7 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 2406):

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

2.4.2.7.2.5.8 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 2414

2.4.2.7.2.5.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.7.2.5.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		327
	TransactionIdentification <TxId>	[1..1]	±		327
	POIIdentification <POIID>	[1..1]	±		327
	CurrencyConversion <CcyConvs>	[0..1]			327
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <Dclrtndtls>	[0..*]	±		336

2.4.2.7.2.5.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.7.2.5.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.7.2.5.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		330
	ResultReason <RsltRsn>	[0..1]	Text		330
	ConversionDetails <ConvsDtls>	[0..*]			330
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplblBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtnDtls>	[0..*]	±		336

2.4.2.7.2.5.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.7.2.5.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		332
	TargetCurrency <TrgtCcy>	[1..1]			332
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332
	ResultingAmount <RsltAmt>	[0..1]	Amount		333
	ExchangeRate <XchgRate>	[1..1]	Rate		333
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		333
	QuotationDate <QtnDt>	[0..1]	DateTime		333
	ValidFrom <VldFr>	[0..1]	DateTime		333
	ValidUntil <VldUntil>	[0..1]	DateTime		333
	SourceCurrency <SrcCcy>	[1..1]			333
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334
	ApplicableBinRange <AplBlBinRg>	[0..*]			334
	LowerBin <LwrBin>	[1..1]	Text		335
	HigherBin <HghrBin>	[1..1]	Text		335
	OriginalAmount <OrgnlAmt>	[0..1]			335
	ActualAmount <ActlAmt>	[0..1]	Amount		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335
	CommissionDetails <ComssnDtls>	[0..*]			336
	Amount <Amt>	[1..1]	Amount		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	MarkUpDetails <MrkUpDtls>	[0..*]			336
	Rate <Rate>	[1..1]	Rate		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336
	DeclarationDetails <DclrtDtls>	[0..*]	±		336

2.4.2.7.2.5.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.11.4.3.2 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	332
	NumericCode <NmrcCd>	[1..1]	Text		332
	Decimal <Dcml>	[1..1]	Quantity		332
	Name <Nm>	[0..1]	Text		332

2.4.2.7.2.5.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.5.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.7.2.5.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.7.2.5.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.11.4.3.4 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 2407

2.4.2.7.2.5.11.4.3.5 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 2407

2.4.2.7.2.5.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.11.4.3.9 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	334
	NumericCode <NmrcCd>	[0..1]	Text		334
	Decimal <Dcml>	[0..1]	Quantity		334
	Name <Nm>	[0..1]	Text		334

2.4.2.7.2.5.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.5.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.7.2.5.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.7.2.5.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.11.4.3.10 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		335
	HigherBin <HghrBin>	[1..1]	Text		335

2.4.2.7.2.5.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.7.2.5.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.7.2.5.11.4.3.11 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		335
	MinimumAmount <MinAmt>	[0..1]	Amount		335
	MaximumAmount <MaxAmt>	[0..1]	Amount		335

2.4.2.7.2.5.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.11.4.3.12 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		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336

2.4.2.7.2.5.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.7.2.5.11.4.3.13 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		336
	AdditionalInformation <AddtlInf>	[0..1]	Text		336

2.4.2.7.2.5.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.7.2.5.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.7.2.5.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.7.2.5.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.7.2.5.14 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 2409

2.4.2.7.2.5.15 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 2409

2.4.2.7.2.5.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	341
	TotalAmount <TtlAmt>	[1..1]	Amount		341
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		341
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		341
	DetailedAmount <DtldAmt>	[0..1]	±		341
	RequestedAmount <ReqdAmt>	[0..1]	Amount		342
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		342
	InvoiceAmount <InvcAmt>	[0..1]	Amount		342
	ValidityDate <VldtyDt>	[0..1]	Date		342
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		342
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		343
	AccountType <AcctTp>	[0..1]	CodeSet		343
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			344
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <Dclrtndtls>	[0..*]	±		352
	Instalment <Instlmt>	[0..*]	±		353
	Recurring <Rcrng>	[0..1]	±		354
	AggregationTransaction <AggtTx>	[0..1]	±		355
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		355
	SaleItem <Saleitm>	[0..*]	±		355
	DeliveryLocation <DivryLctn>	[0..1]	Text		356
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		356
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		356
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		356
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		357
	AdditionalInformation <AddtlInf>	[0..*]			357
	Identification <Id>	[1..1]	Text		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctcdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		358

2.4.2.7.2.5.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.5.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.7.2.5.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.7.2.5.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.7.2.5.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.7.2.5.16.11 UnattendedLevelCategory <UattnddlvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.7.2.5.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.7.2.5.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		346
	Conversion <Convs>	[0..1]			346
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltgAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <DclrtnDtls>	[0..*]	±		352

2.4.2.7.2.5.16.13.1 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 2406):

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

2.4.2.7.2.5.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		348
	TargetCurrency <TrgtCcy>	[1..1]			348
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348
	ResultingAmount <RsltAmt>	[0..1]	Amount		349
	ExchangeRate <XchgRate>	[1..1]	Rate		349
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		349
	QuotationDate <QtnDt>	[0..1]	DateTime		349
	ValidFrom <VldFr>	[0..1]	DateTime		349
	ValidUntil <VldUntil>	[0..1]	DateTime		349
	SourceCurrency <SrcCcy>	[1..1]			349
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350
	ApplicableBinRange <AplblBinRg>	[0..*]			350
	LowerBin <LwrBin>	[1..1]	Text		351
	HigherBin <HghrBin>	[1..1]	Text		351
	OriginalAmount <OrgnlAmt>	[0..1]			351
	ActualAmount <ActlAmt>	[0..1]	Amount		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351
	CommissionDetails <ComssnDtls>	[0..*]			352
	Amount <Amt>	[1..1]	Amount		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	MarkUpDetails <MrkUpDtls>	[0..*]			352
	Rate <Rate>	[1..1]	Rate		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352
	DeclarationDetails <DclrtDtls>	[0..*]	±		352

2.4.2.7.2.5.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.16.13.2.2 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	348
	NumericCode <NmrcCd>	[1..1]	Text		348
	Decimal <Dcml>	[1..1]	Quantity		348
	Name <Nm>	[0..1]	Text		348

2.4.2.7.2.5.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.5.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.7.2.5.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.7.2.5.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.16.13.2.3 ResultingAmount <RsItgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.13.2.4 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 2407

2.4.2.7.2.5.16.13.2.5 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 2407

2.4.2.7.2.5.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.7.2.5.16.13.2.9 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	350
	NumericCode <NmrcCd>	[0..1]	Text		350
	Decimal <Dcml>	[0..1]	Quantity		350
	Name <Nm>	[0..1]	Text		350

2.4.2.7.2.5.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.2.5.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.7.2.5.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.7.2.5.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.16.13.2.10 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		351
	HigherBin <HghrBin>	[1..1]	Text		351

2.4.2.7.2.5.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.7.2.5.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.7.2.5.16.13.2.11 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		351
	MinimumAmount <MinAmt>	[0..1]	Amount		351
	MaximumAmount <MaxAmt>	[0..1]	Amount		351

2.4.2.7.2.5.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.13.2.12 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		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352

2.4.2.7.2.5.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.7.2.5.16.13.2.13 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		352
	AdditionalInformation <AddtlInf>	[0..1]	Text		352

2.4.2.7.2.5.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.7.2.5.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.7.2.5.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.7.2.5.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.7.2.5.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.7.2.5.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

2.4.2.7.2.5.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.7.2.5.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.7.2.5.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.7.2.5.16.20 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 2406

2.4.2.7.2.5.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.7.2.5.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.7.2.5.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.7.2.5.16.24 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		357
	Value <Val>	[0..1]	Binary		357
	ProtectedValue <PrctcdVal>	[0..1]	±		357
	Type <Tp>	[0..1]	Text		358

2.4.2.7.2.5.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.7.2.5.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.7.2.5.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.7.2.5.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.7.2.5.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.7.2.5.17 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]	±		358
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			359
	Response <Rspn>	[1..1]	CodeSet		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360
	AuthorisationCode <AuthstnCd>	[0..1]	Text		360

2.4.2.7.2.5.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.7.2.5.17.2 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		359
	ResponseReason <RspnRsn>	[0..1]	Text		359
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		360

2.4.2.7.2.5.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

2.4.2.7.2.5.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

2.4.2.7.2.5.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.7.2.5.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.7.2.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.7.2.5.19 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.7.2.5.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

2.4.2.7.2.5.21 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 2406):

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

2.4.2.7.2.5.22 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 2411

2.4.2.7.2.5.23 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 2411

2.4.2.7.2.5.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.7.2.5.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.7.2.5.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.7.2.5.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.7.2.6 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItem> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.7.3 Data <Data>

Presence: [0..*]

Definition: Data related to a Loyalty program or account.

Data <Data> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		363
	Account <Acct>	[0..1]	±		364
	Amount <Amt>	[0..1]			364
	Unit <Unit>	[0..1]	CodeSet		365
	Currency <Ccy>	[0..1]	CodeSet	C1	365
	Amount <Amt>	[1..1]	Amount		365

2.4.2.7.3.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.7.3.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.7.3.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		365
	Currency <Ccy>	[0..1]	CodeSet	C1	365
	Amount <Amt>	[1..1]	Amount		365

2.4.2.7.3.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.7.3.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.7.3.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8 StoredValueRequest <StordValReq>

Presence: [0..1]

Definition: Content of a Stored Value Request.

StoredValueRequest <StordValReq> contains the following **StoredValueRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		371
	Data <Data>	[1..*]			371
	Provider <Prvdr>	[0..1]	Text		376
	TransactionType <TxTp>	[1..1]	CodeSet		377
	AccountIdentification <AcctId>	[0..1]			377
	AccountType <AcctTp>	[0..1]	CodeSet		377
	IdentificationType <IdTp>	[0..1]	CodeSet		378
	Identification <Id>	[0..1]	Text		379
	Brand <Brnd>	[0..1]	Text		379
	Provider <Prvdr>	[0..1]	Text		379
	OwnerName <OwnrNm>	[0..1]	Text		379
	ExpiryDate <XpryDt>	[0..1]	Text		379
	EntryMode <NtryMd>	[0..1]	CodeSet		379
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Balance <Bal>	[0..1]	Amount		380
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			380
	TransactionCapture <TxCaptr>	[0..1]	Indicator		385
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		385
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		386
	TransactionType <TxTp>	[1..1]	CodeSet		386
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		387
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		388
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		388
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		388
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		389
	TransactionIdentification <TxId>	[1..1]	±		389
	OriginalTransaction <OrgnlTx>	[0..1]			389
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		391
	TransactionIdentification <TxId>	[1..1]	±		391
	POIIdentification <POIId>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <DclrtnDtls>	[0..*]	±		400
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		401
	IssuerReferenceData <IssrRefData>	[0..1]	Text		401
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		401
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		401
	TransactionDetails <TxDtls>	[1..1]			402
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtldAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvcAmt>	[0..1]	Amount		406
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		407
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltgAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtnDtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtnTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <Saleitm>	[0..*]	±		419
	DeliveryLocation <DlvryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctcdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		422
	AuthorisationResult <AuthstnRslt>	[0..1]			422
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		424
	CustomerOrder <CstmrOrd>	[0..1]	±		424
	CustomerToken <CstmrTkn>	[0..1]	±		424
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		425
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		425
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		425
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		425
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		426
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		426
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		426
	ProductCode <PdctCd>	[0..1]	Text		426
	EANUPC <EANUPC>	[0..1]	Text		426
	ItemAmount <ItmAmt>	[0..1]	Amount		426
	Currency <Ccy>	[0..1]	CodeSet	C1	426
	HostTransactionIdentification <HstTxId>	[0..1]	±		427

2.4.2.8.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.8.2 Data <Data>

Presence: [1..*]

Definition: Data related to the stored value card.

Data <Data> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		376
	TransactionType <TxTp>	[1..1]	CodeSet		377
	AccountIdentification <AcctId>	[0..1]			377
	AccountType <AcctTp>	[0..1]	CodeSet		377
	IdentificationType <IdTp>	[0..1]	CodeSet		378
	Identification <Id>	[0..1]	Text		379
	Brand <Brnd>	[0..1]	Text		379
	Provider <Prvdr>	[0..1]	Text		379
	OwnerName <OwnrNm>	[0..1]	Text		379
	ExpiryDate <XpryDt>	[0..1]	Text		379
	EntryMode <NtryMd>	[0..1]	CodeSet		379
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Balance <Bal>	[0..1]	Amount		380
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			380
	TransactionCapture <TxCaptr>	[0..1]	Indicator		385
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		385
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		386
	TransactionType <TxTp>	[1..1]	CodeSet		386
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		387
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		388
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		388
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		388
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		389
	TransactionIdentification <TxId>	[1..1]	±		389
	OriginalTransaction <OrgnlTx>	[0..1]			389
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		391
	TransactionIdentification <TxId>	[1..1]	±		391
	POIIdentification <POIId>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		400
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		401
	IssuerReferenceData <IssrRefData>	[0..1]	Text		401
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		401
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		401
	TransactionDetails <TxDtls>	[1..1]			402
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtlAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvAmt>	[0..1]	Amount		406
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		407
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <Dclrtndtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtnTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <Saleitm>	[0..*]	±		419
	DeliveryLocation <DlvryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		422
	AuthorisationResult <AuthstnRslt>	[0..1]			422
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		424
	CustomerOrder <CstmrOrd>	[0..1]	±		424
	CustomerToken <CstmrTkn>	[0..1]	±		424
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		425
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		425
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		425
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		425
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		426
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		426
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		426
	ProductCode <PdctCd>	[0..1]	Text		426
	EANUPC <EANUPC>	[0..1]	Text		426
	ItemAmount <ItmAmt>	[0..1]	Amount		426
	Currency <Ccy>	[0..1]	CodeSet	C1	426
	HostTransactionIdentification <HstTxId>	[0..1]	±		427

2.4.2.8.2.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.2 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 2396

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.

2.4.2.8.2.3 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		377
	IdentificationType <IdTp>	[0..1]	CodeSet		378
	Identification <Id>	[0..1]	Text		379
	Brand <Brnd>	[0..1]	Text		379
	Provider <Prvdr>	[0..1]	Text		379
	OwnerName <OwnrNm>	[0..1]	Text		379
	ExpiryDate <XpryDt>	[0..1]	Text		379
	EntryMode <NtryMd>	[0..1]	CodeSet		379
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Balance <Bal>	[0..1]	Amount		380

2.4.2.8.2.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

2.4.2.8.2.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

2.4.2.8.2.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

2.4.2.8.2.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

2.4.2.8.2.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

2.4.2.8.2.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		385
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		385
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		386
	TransactionType <TxTp>	[1..1]	CodeSet		386
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		387
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		388
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		388
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		388
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		389
	TransactionIdentification <Txld>	[1..1]	±		389
	OriginalTransaction <OrgnlTx>	[0..1]			389
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		391
	TransactionIdentification <Txld>	[1..1]	±		391
	POIIdentification <POIld>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <DclrtnDtls>	[0..*]	±		400
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		401
	IssuerReferenceData <IssrRefData>	[0..1]	Text		401
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		401
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		401
	TransactionDetails <TxDtls>	[1..1]			402
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtldAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvcAmt>	[0..1]	Amount		406

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		407
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <ApplBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtnDtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtnTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <Saleitm>	[0..*]	±		419
	DeliveryLocation <DlvryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctcdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		422
	AuthorisationResult <AuthstnRslt>	[0..1]			422
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		424
	CustomerToken <CstmrTkn>	[0..1]	±		424
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		425
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		425
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		425
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		425
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		426
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		426
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		426

2.4.2.8.2.4.1 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 2406):

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

2.4.2.8.2.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.8.2.4.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.8.2.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.8.2.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.8.2.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.8.2.4.7 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 2406):

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

2.4.2.8.2.4.8 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 2414

2.4.2.8.2.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.8.2.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		391
	TransactionIdentification <TxId>	[1..1]	±		391
	POIIdentification <POIID>	[1..1]	±		391
	CurrencyConversion <CcyConvs>	[0..1]			391
	Result <RsIt>	[1..1]	CodeSet		394
	ResultReason <RsItRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsItgAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <Dclrtndtls>	[0..*]	±		400

2.4.2.8.2.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.8.2.4.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.8.2.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		394
	ResultReason <RsltRsn>	[0..1]	Text		394
	ConversionDetails <ConvsDtls>	[0..*]			394
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <DclrtnDtls>	[0..*]	±		400

2.4.2.8.2.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.8.2.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.11.4.3 ConversionDetails <ConvDsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		396
	TargetCurrency <TrgtCcy>	[1..1]			396
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396
	ResultingAmount <RsltAmt>	[0..1]	Amount		397
	ExchangeRate <XchgRate>	[1..1]	Rate		397
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		397
	QuotationDate <QtnDt>	[0..1]	DateTime		397
	ValidFrom <VldFr>	[0..1]	DateTime		397
	ValidUntil <VldUntil>	[0..1]	DateTime		397
	SourceCurrency <SrcCcy>	[1..1]			397
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398
	ApplicableBinRange <AplblBinRg>	[0..*]			398
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399
	OriginalAmount <OrgnlAmt>	[0..1]			399
	ActualAmount <ActlAmt>	[0..1]	Amount		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399
	CommissionDetails <ComssnDtls>	[0..*]			400
	Amount <Amt>	[1..1]	Amount		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	MarkUpDetails <MrkUpDtls>	[0..*]			400
	Rate <Rate>	[1..1]	Rate		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400
	DeclarationDetails <DclrtDtls>	[0..*]	±		400

2.4.2.8.2.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.11.4.3.2 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	396
	NumericCode <NmrcCd>	[1..1]	Text		396
	Decimal <Dcml>	[1..1]	Quantity		396
	Name <Nm>	[0..1]	Text		396

2.4.2.8.2.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.8.2.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.8.2.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.11.4.3.4 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 2407

2.4.2.8.2.4.11.4.3.5 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 2407

2.4.2.8.2.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.11.4.3.9 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	398
	NumericCode <NmrcCd>	[0..1]	Text		398
	Decimal <Dcml>	[0..1]	Quantity		398
	Name <Nm>	[0..1]	Text		398

2.4.2.8.2.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.8.2.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.8.2.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.11.4.3.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		399
	HigherBin <HghrBin>	[1..1]	Text		399

2.4.2.8.2.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.8.2.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.8.2.4.11.4.3.11 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		399
	MinimumAmount <MinAmt>	[0..1]	Amount		399
	MaximumAmount <MaxAmt>	[0..1]	Amount		399

2.4.2.8.2.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.11.4.3.12 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		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400

2.4.2.8.2.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.8.2.4.11.4.3.13 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		400
	AdditionalInformation <AddtlInf>	[0..1]	Text		400

2.4.2.8.2.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.8.2.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.8.2.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.8.2.4.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.8.2.4.14 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 2409

2.4.2.8.2.4.15 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 2409

2.4.2.8.2.4.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	405
	TotalAmount <TtlAmt>	[1..1]	Amount		405
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		405
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		405
	DetailedAmount <DtldAmt>	[0..1]	±		405
	RequestedAmount <ReqdAmt>	[0..1]	Amount		406
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		406
	InvoiceAmount <InvcAmt>	[0..1]	Amount		406
	ValidityDate <VldtyDt>	[0..1]	Date		406
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		406
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		407
	AccountType <AcctTp>	[0..1]	CodeSet		407
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			408
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtXdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <ApblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtDtls>	[0..*]	±		416
	Instalment <Instlmt>	[0..*]	±		417
	Recurring <Rcrng>	[0..1]	±		418
	AggregationTransaction <AggtTx>	[0..1]	±		419
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		419
	SaleItem <SaleItm>	[0..*]	±		419
	DeliveryLocation <DivryLctn>	[0..1]	Text		420
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		420
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		420
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		420
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		421
	AdditionalInformation <AddtlInf>	[0..*]			421
	Identification <Id>	[1..1]	Text		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		422

2.4.2.8.2.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.8.2.4.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.8.2.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.8.2.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.8.2.4.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.8.2.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.8.2.4.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		410
	Conversion <Convs>	[0..1]			410
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtnDtls>	[0..*]	±		416

2.4.2.8.2.4.16.13.1 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 2406):

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

2.4.2.8.2.4.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		412
	TargetCurrency <TrgtCcy>	[1..1]			412
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412
	ResultingAmount <RsltAmt>	[0..1]	Amount		413
	ExchangeRate <XchgRate>	[1..1]	Rate		413
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		413
	QuotationDate <QtnDt>	[0..1]	DateTime		413
	ValidFrom <VldFr>	[0..1]	DateTime		413
	ValidUntil <VldUntil>	[0..1]	DateTime		413
	SourceCurrency <SrcCcy>	[1..1]			413
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414
	ApplicableBinRange <AplblBinRg>	[0..*]			414
	LowerBin <LwrBin>	[1..1]	Text		415
	HigherBin <HghrBin>	[1..1]	Text		415
	OriginalAmount <OrgnlAmt>	[0..1]			415
	ActualAmount <ActlAmt>	[0..1]	Amount		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415
	CommissionDetails <ComssnDtls>	[0..*]			416
	Amount <Amt>	[1..1]	Amount		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	MarkUpDetails <MrkUpDtls>	[0..*]			416
	Rate <Rate>	[1..1]	Rate		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416
	DeclarationDetails <DclrtDtls>	[0..*]	±		416

2.4.2.8.2.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.16.13.2.2 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	412
	NumericCode <NmrcCd>	[1..1]	Text		412
	Decimal <Dcml>	[1..1]	Quantity		412
	Name <Nm>	[0..1]	Text		412

2.4.2.8.2.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.8.2.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.8.2.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.16.13.2.3 ResultingAmount <RsItgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.13.2.4 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 2407

2.4.2.8.2.4.16.13.2.5 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 2407

2.4.2.8.2.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.8.2.4.16.13.2.9 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	414
	NumericCode <NmrcCd>	[0..1]	Text		414
	Decimal <Dcml>	[0..1]	Quantity		414
	Name <Nm>	[0..1]	Text		414

2.4.2.8.2.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.8.2.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.8.2.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.8.2.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.16.13.2.10 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		415
	HigherBin <HghrBin>	[1..1]	Text		415

2.4.2.8.2.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.8.2.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.8.2.4.16.13.2.11 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		415
	MinimumAmount <MinAmt>	[0..1]	Amount		415
	MaximumAmount <MaxAmt>	[0..1]	Amount		415

2.4.2.8.2.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.13.2.12 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		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416

2.4.2.8.2.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.8.2.4.16.13.2.13 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		416
	AdditionalInformation <AddtlInf>	[0..1]	Text		416

2.4.2.8.2.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.8.2.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.8.2.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.8.2.4.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.8.2.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.8.2.4.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

2.4.2.8.2.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.8.2.4.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.8.2.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.16.20 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 2406

2.4.2.8.2.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.8.2.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.8.2.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.4.16.24 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		421
	Value <Val>	[0..1]	Binary		421
	ProtectedValue <PrctcdVal>	[0..1]	±		421
	Type <Tp>	[0..1]	Text		422

2.4.2.8.2.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.8.2.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.8.2.4.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.8.2.4.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.8.2.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.8.2.4.17 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]	±		422
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			423
	Response <Rspn>	[1..1]	CodeSet		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424
	AuthorisationCode <AuthstnCd>	[0..1]	Text		424

2.4.2.8.2.4.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.8.2.4.17.2 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		423
	ResponseReason <RspnRsn>	[0..1]	Text		423
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		424

2.4.2.8.2.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

2.4.2.8.2.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.8.2.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.8.2.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.8.2.4.19 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.8.2.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

2.4.2.8.2.4.21 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 2406):

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

2.4.2.8.2.4.22 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 2411

2.4.2.8.2.4.23 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 2411

2.4.2.8.2.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.8.2.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.8.2.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.8.2.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.8.2.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.8.2.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2411

2.4.2.8.2.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.8.2.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

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

2.4.2.8.2.9 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9 BatchRequest <BtchReq>

Presence: [0..1]

Definition: Content of the Batch Request.

BatchRequest <BtchReq> contains the following **BatchRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		442
	RemoveAllFlag <RmvAllFlg>	[0..1]	Indicator		442
	TransactionToPerform <TxToPrfrm>	[0..*]			442
{Or	PaymentRequest <PmtReq>	[0..1]			457
	PaymentTransaction <PmtTx>	[0..1]			462
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		468
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		471
	TransactionIdentification <TxId>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIID>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltgAmt>	[0..1]	Amount		479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtDtls>	[0..*]	±		482
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtls>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtnDtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506
	CustomerOrder <CstmrOrd>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508
	LoyaltyData <LtyData>	[0..*]			508
	CustomerOrder <CstmrOrd>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510
Or	LoyaltyRequest <LtyReq>	[0..1]			510
	CustomerOrder <CstmrOrd>	[0..1]	±		515
	Transaction <Tx>	[1..1]			516
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <Dclrtndtls>	[0..*]	±		542
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvltctgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtnDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctcdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrd>	[0..1]	±		566

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <Saleitm>	[0..*]	±		568
	Data <Data>	[0..*]			569
	CustomerOrder <CstmrOrd>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571
Or}	ReversalRequest <RvslReq>	[0..1]			571
	ReversalTransaction <RvslTx>	[0..1]			576
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltgAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <Dclrtndtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtnTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrtctdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620
	CustomerOrder <CstmrOrd>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622
	LoyaltyData <LltyData>	[0..*]			622
	CustomerOrder <CstmrOrd>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624
	ReversalReason <RvsIRsn>	[1..1]	CodeSet		624
	ReversedAmount <RvsdAmt>	[0..1]	Amount		625
	CustomerOrder <CstmrOrd>	[0..1]	±		625

2.4.2.9.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.2 RemoveAllFlag <RmvAllFlg>

Presence: [0..1]

Definition: Flag to remove all the transactions.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

2.4.2.9.3 TransactionToPerform <TxToPrfrm>

Presence: [0..*]

Definition: Content of the Batch Request message.

TransactionToPerform <TxToPrfrm> contains one of the following **TransactionToPerform7Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	PaymentRequest <PmtReq>	[0..1]			457
	PaymentTransaction <PmtTx>	[0..1]			462
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		468
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		471
	TransactionIdentification <TxId>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIId>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtnDtls>	[0..*]	±		482
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtls>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvcAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <Dclrtndtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <Aggtntx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506
	CustomerOrder <CstmrOrd>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508
	LoyaltyData <LtyData>	[0..*]			508
	CustomerOrder <CstmrOrd>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510
Or	LoyaltyRequest <LtyReq>	[0..1]			510
	CustomerOrder <CstmrOrd>	[0..1]	±		515
	Transaction <Tx>	[1..1]			516
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltgAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtnDtls>	[0..*]	±		542
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtnDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctcdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrd>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <Saleitm>	[0..*]	±		568
	Data <Data>	[0..*]			569
	CustomerOrder <CstmrOrd>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571
Or}	ReversalRequest <RvslReq>	[0..1]			571
	ReversalTransaction <RvslTx>	[0..1]			576
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIId>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltgAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtnDtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620
	CustomerOrder <CstmrOrd>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622
	LoyaltyData <LltyData>	[0..*]			622
	CustomerOrder <CstmrOrd>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalReason <RvslRsn>	[1..1]	CodeSet		624
	ReversedAmount <RvsdAmt>	[0..1]	Amount		625
	CustomerOrder <CstmrOrdr>	[0..1]	±		625

2.4.2.9.3.1 PaymentRequest <PmtReq>

Presence: [0..1]

Definition: Content of the Payment Request message.

PaymentRequest <PmtReq> contains the following **PaymentRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentTransaction <PmtTx>	[0..1]			462
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		468
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		471
	TransactionIdentification <TxId>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIID>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <Dclrtndtls>	[0..*]	±		482
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtls>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <Dclrtndtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtnTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506
	CustomerOrder <CstmrOrd>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508
	LoyaltyData <LltyData>	[0..*]			508
	CustomerOrder <CstmrOrd>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510

2.4.2.9.3.1.1 PaymentTransaction <PmtTx>

Presence: [0..1]

Definition: Data associated with the Transaction.

PaymentTransaction <PmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		467
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		467
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		468
	TransactionType <TxTp>	[1..1]	CodeSet		468
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		469
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		470
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		470
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		470
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		471
	TransactionIdentification <TxId>	[1..1]	±		471
	OriginalTransaction <OrgnlTx>	[0..1]			471
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIID>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtnDtls>	[0..*]	±		482
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		483
	IssuerReferenceData <IssrRefData>	[0..1]	Text		483
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		483
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		483
	TransactionDetails <TxDtls>	[1..1]			484
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvcAmt>	[0..1]	Amount		488

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtDtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtnTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DlvryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		504
	AuthorisationResult <AuthstnRslt>	[0..1]			504
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		506

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		506
	CustomerToken <CstmrTkn>	[0..1]	±		506
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		507
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		507
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		507
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		507
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		508
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		508
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		508

2.4.2.9.3.1.1.1 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 2406):

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

2.4.2.9.3.1.1.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.9.3.1.1.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.9.3.1.1.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.9.3.1.1.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.9.3.1.1.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.9.3.1.1.7 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 2406):

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

2.4.2.9.3.1.1.8 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 2414

2.4.2.9.3.1.1.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.1.1.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		473
	TransactionIdentification <TxId>	[1..1]	±		473
	POIIdentification <POIId>	[1..1]	±		473
	CurrencyConversion <CcyConvs>	[0..1]			473
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <Dclrtndtls>	[0..*]	±		482

2.4.2.9.3.1.1.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.1.1.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.9.3.1.1.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		476
	ResultReason <RsltRsn>	[0..1]	Text		476
	ConversionDetails <ConvsDtls>	[0..*]			476
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtnDtls>	[0..*]	±		482

2.4.2.9.3.1.1.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.9.3.1.1.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		478
	TargetCurrency <TrgtCcy>	[1..1]			478
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478
	ResultingAmount <RsltAmt>	[0..1]	Amount		479
	ExchangeRate <XchgRate>	[1..1]	Rate		479
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		479
	QuotationDate <QtnDt>	[0..1]	DateTime		479
	ValidFrom <VldFr>	[0..1]	DateTime		479
	ValidUntil <VldUntil>	[0..1]	DateTime		479
	SourceCurrency <SrcCcy>	[1..1]			479
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480
	ApplicableBinRange <AplblBinRg>	[0..*]			480
	LowerBin <LwrBin>	[1..1]	Text		481
	HigherBin <HghrBin>	[1..1]	Text		481
	OriginalAmount <OrgnlAmt>	[0..1]			481
	ActualAmount <ActlAmt>	[0..1]	Amount		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481
	CommissionDetails <ComssnDtls>	[0..*]			482
	Amount <Amt>	[1..1]	Amount		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	MarkUpDetails <MrkUpDtls>	[0..*]			482
	Rate <Rate>	[1..1]	Rate		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482
	DeclarationDetails <DclrtDtls>	[0..*]	±		482

2.4.2.9.3.1.1.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.11.4.3.2 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	478
	NumericCode <NmrcCd>	[1..1]	Text		478
	Decimal <Dcml>	[1..1]	Quantity		478
	Name <Nm>	[0..1]	Text		478

2.4.2.9.3.1.1.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.1.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.1.1.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.1.1.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.11.4.3.4 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 2407

2.4.2.9.3.1.1.11.4.3.5 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 2407

2.4.2.9.3.1.1.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.11.4.3.9 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	480
	NumericCode <NmrcCd>	[0..1]	Text		480
	Decimal <Dcml>	[0..1]	Quantity		480
	Name <Nm>	[0..1]	Text		480

2.4.2.9.3.1.1.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.1.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.1.1.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.1.1.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.11.4.3.10 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		481
	HigherBin <HghrBin>	[1..1]	Text		481

2.4.2.9.3.1.1.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.1.1.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.1.1.11.4.3.11 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		481
	MinimumAmount <MinAmt>	[0..1]	Amount		481
	MaximumAmount <MaxAmt>	[0..1]	Amount		481

2.4.2.9.3.1.1.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.11.4.3.12 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		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482

2.4.2.9.3.1.1.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.1.1.11.4.3.13 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		482
	AdditionalInformation <AddtlInf>	[0..1]	Text		482

2.4.2.9.3.1.1.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.1.1.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.1.1.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.1.1.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.1.1.14 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 2409

2.4.2.9.3.1.1.15 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 2409

2.4.2.9.3.1.1.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	487
	TotalAmount <TtlAmt>	[1..1]	Amount		487
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		487
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		487
	DetailedAmount <DtldAmt>	[0..1]	±		487
	RequestedAmount <ReqdAmt>	[0..1]	Amount		488
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		488
	InvoiceAmount <InvcAmt>	[0..1]	Amount		488
	ValidityDate <VldtyDt>	[0..1]	Date		488
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		488
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		489
	AccountType <AcctTp>	[0..1]	CodeSet		489
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			490
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <Dclrtndtls>	[0..*]	±		498
	Instalment <Instlmt>	[0..*]	±		499
	Recurring <Rcrng>	[0..1]	±		500
	AggregationTransaction <AggtTx>	[0..1]	±		501
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		501
	SaleItem <Saleitm>	[0..*]	±		501
	DeliveryLocation <DivryLctn>	[0..1]	Text		502
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		502
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		502
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		502
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		503
	AdditionalInformation <AddtlInf>	[0..*]			503
	Identification <Id>	[1..1]	Text		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		504

2.4.2.9.3.1.1.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.1.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.9.3.1.1.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.9.3.1.1.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.9.3.1.1.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.9.3.1.1.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.9.3.1.1.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.9.3.1.1.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		492
	Conversion <Convs>	[0..1]			492
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtnDtls>	[0..*]	±		498

2.4.2.9.3.1.1.16.13.1 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 2406):

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

2.4.2.9.3.1.1.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		494
	TargetCurrency <TrgtCcy>	[1..1]			494
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494
	ResultingAmount <RsltAmt>	[0..1]	Amount		495
	ExchangeRate <XchgRate>	[1..1]	Rate		495
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		495
	QuotationDate <QtnDt>	[0..1]	DateTime		495
	ValidFrom <VldFr>	[0..1]	DateTime		495
	ValidUntil <VldUntil>	[0..1]	DateTime		495
	SourceCurrency <SrcCcy>	[1..1]			495
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496
	ApplicableBinRange <AplblBinRg>	[0..*]			496
	LowerBin <LwrBin>	[1..1]	Text		497
	HigherBin <HghrBin>	[1..1]	Text		497
	OriginalAmount <OrgnlAmt>	[0..1]			497
	ActualAmount <ActlAmt>	[0..1]	Amount		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497
	CommissionDetails <ComssnDtls>	[0..*]			498
	Amount <Amt>	[1..1]	Amount		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	MarkUpDetails <MrkUpDtls>	[0..*]			498
	Rate <Rate>	[1..1]	Rate		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498
	DeclarationDetails <DclrtDtls>	[0..*]	±		498

2.4.2.9.3.1.1.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.16.13.2.2 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	494
	NumericCode <NmrcCd>	[1..1]	Text		494
	Decimal <Dcml>	[1..1]	Quantity		494
	Name <Nm>	[0..1]	Text		494

2.4.2.9.3.1.1.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.1.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.1.1.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.1.1.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.13.2.4 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 2407

2.4.2.9.3.1.1.16.13.2.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.1.1.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.1.1.16.13.2.9 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	496
	NumericCode <NmrcCd>	[0..1]	Text		496
	Decimal <Dcml>	[0..1]	Quantity		496
	Name <Nm>	[0..1]	Text		496

2.4.2.9.3.1.1.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.1.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.1.1.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.1.1.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.16.13.2.10 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		497
	HigherBin <HghrBin>	[1..1]	Text		497

2.4.2.9.3.1.1.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.1.1.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.1.1.16.13.2.11 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		497
	MinimumAmount <MinAmt>	[0..1]	Amount		497
	MaximumAmount <MaxAmt>	[0..1]	Amount		497

2.4.2.9.3.1.1.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.13.2.12 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		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498

2.4.2.9.3.1.1.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.1.1.16.13.2.13 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		498
	AdditionalInformation <AddtlInf>	[0..1]	Text		498

2.4.2.9.3.1.1.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.1.1.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.1.1.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.1.1.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.9.3.1.1.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.9.3.1.1.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

2.4.2.9.3.1.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.9.3.1.1.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.9.3.1.1.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.16.20 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 2406

2.4.2.9.3.1.1.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.1.1.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.1.1.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.1.1.16.24 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		503
	Value <Val>	[0..1]	Binary		503
	ProtectedValue <PrctcdVal>	[0..1]	±		503
	Type <Tp>	[0..1]	Text		504

2.4.2.9.3.1.1.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.9.3.1.1.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.9.3.1.1.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.9.3.1.1.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.9.3.1.1.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.9.3.1.1.17 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]	±		504
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			505
	Response <Rspn>	[1..1]	CodeSet		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506
	AuthorisationCode <AuthstnCd>	[0..1]	Text		506

2.4.2.9.3.1.1.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.9.3.1.1.17.2 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		505
	ResponseReason <RspnRsn>	[0..1]	Text		505
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		506

2.4.2.9.3.1.1.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

2.4.2.9.3.1.1.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.1.1.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.1.1.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.9.3.1.1.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.9.3.1.1.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.1.1.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

2.4.2.9.3.1.1.21 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 2406):

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

2.4.2.9.3.1.1.22 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 2411

2.4.2.9.3.1.1.23 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 2411

2.4.2.9.3.1.1.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.1.1.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.1.1.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.1.1.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.1.2 LoyaltyData <LltyData>

Presence: [0..*]

Definition: Data linked to card loyalty during payment.

LoyaltyData <LltyData> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		508
	Account <Acct>	[0..1]	±		509
	Amount <Amt>	[0..1]			509
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510

2.4.2.9.3.1.2.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.1.2.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.9.3.1.2.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		510
	Currency <Ccy>	[0..1]	CodeSet	C1	510
	Amount <Amt>	[1..1]	Amount		510

2.4.2.9.3.1.2.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.9.3.1.2.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.1.2.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2 LoyaltyRequest <LtyReq>

Presence: [0..1]

Definition: Content of the Loyalty Request message.

LoyaltyRequest <LtyReq> contains the following **LoyaltyRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrd>	[0..1]	±		515
	Transaction <Tx>	[1..1]			516
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtnDtls>	[0..*]	±		542
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <ApplBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		564

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrdr>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <Saleitm>	[0..*]	±		568
	Data <Data>	[0..*]			569
	CustomerOrder <CstmrOrdr>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571

2.4.2.9.3.2.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Data related to the loyalty transaction.

Transaction <Tx> contains the following **LoyaltyTransaction7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		521
	LoyaltyTransactionType <LtyTxTp>	[1..1]	CodeSet		521
	Currency <Ccy>	[0..1]	CodeSet	C1	522
	TotalAmount <TtlAmt>	[0..1]	Amount		522
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			522
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		531
	TransactionIdentification <TxId>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltgAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <Dclrtndtls>	[0..*]	±		542
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtnTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566
	CustomerOrder <CstmrOrd>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568
	SaleItem <Saleitm>	[0..*]	±		568

2.4.2.9.3.2.2.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.2.2.2 LoyaltyTransactionType <LtyTxTp>

Presence: [1..1]

Definition: Data related to the loyalty transaction.

Datatype: "LoyaltyTransactionType1Code" on page 2371

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.

CodeName	Name	Definition
AWRR	AwardRefund	Refund of a loyalty award transaction.
REBR	RebateRefund	Refund of a loyalty rebate transaction.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
REDR	RedemptionRefund	Refund of a loyalty redemption transaction.

2.4.2.9.3.2.2.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the loyalty transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.4 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Amount of the payment transaction related to the Loyalty.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Data of a previous POI payment transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		527
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		527
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		528
	TransactionType <TxTp>	[1..1]	CodeSet		528
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		529
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		530
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		530
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		530
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		531
	TransactionIdentification <Txld>	[1..1]	±		531
	OriginalTransaction <OrgnlTx>	[0..1]			531
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		533
	TransactionIdentification <Txld>	[1..1]	±		533
	POIIdentification <POIld>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtDtls>	[0..*]	±		542
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		543
	IssuerReferenceData <IssrRefData>	[0..1]	Text		543
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		543
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		543
	TransactionDetails <TxDtls>	[1..1]			544
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <ApplBinRng>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtDtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtnTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DlvryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctcdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		564
	AuthorisationResult <AuthstnRslt>	[0..1]			564
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		566

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		566
	CustomerToken <CstmrTkn>	[0..1]	±		566
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		567
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		567
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		567
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		567
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		568
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		568
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		568

2.4.2.9.3.2.2.5.1 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 2406):

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

2.4.2.9.3.2.2.5.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.9.3.2.2.5.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.9.3.2.2.5.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.9.3.2.2.5.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.9.3.2.2.5.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.9.3.2.2.5.7 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 2406):

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

2.4.2.9.3.2.2.5.8 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 2414

2.4.2.9.3.2.2.5.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.2.2.5.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	POIIdentification <POIID>	[1..1]	±		533
	CurrencyConversion <CcyConvs>	[0..1]			533
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <Dclrtndtls>	[0..*]	±		542

2.4.2.9.3.2.2.5.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.2.2.5.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.9.3.2.2.5.11.4 CurrencyConversion <CcyConv>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		536
	ResultReason <RsltRsn>	[0..1]	Text		536
	ConversionDetails <ConvsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542

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

2.4.2.9.3.2.2.5.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.9.3.2.2.5.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		538
	TargetCurrency <TrgtCcy>	[1..1]			538
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538
	ResultingAmount <RsltAmt>	[0..1]	Amount		539
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		539
	QuotationDate <QtnDt>	[0..1]	DateTime		539
	ValidFrom <VldFr>	[0..1]	DateTime		539
	ValidUntil <VldUntil>	[0..1]	DateTime		539
	SourceCurrency <SrcCcy>	[1..1]			539
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540
	ApplicableBinRange <AplblBinRg>	[0..*]			540
	LowerBin <LwrBin>	[1..1]	Text		541
	HigherBin <HghrBin>	[1..1]	Text		541
	OriginalAmount <OrgnlAmt>	[0..1]			541
	ActualAmount <ActlAmt>	[0..1]	Amount		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541
	CommissionDetails <ComssnDtls>	[0..*]			542
	Amount <Amt>	[1..1]	Amount		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	MarkUpDetails <MrkUpDtls>	[0..*]			542
	Rate <Rate>	[1..1]	Rate		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542
	DeclarationDetails <DclrtDtls>	[0..*]	±		542

2.4.2.9.3.2.2.5.11.4.3.1 CurrencyConversionIdentification <CcyConvId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3.2 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	538
	NumericCode <NmrcCd>	[1..1]	Text		538
	Decimal <Dcml>	[1..1]	Quantity		538
	Name <Nm>	[0..1]	Text		538

2.4.2.9.3.2.2.5.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.5.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.2.2.5.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.2.2.5.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.11.4.3.4 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 2407

2.4.2.9.3.2.2.5.11.4.3.5 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 2407

2.4.2.9.3.2.2.5.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.11.4.3.9 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	540
	NumericCode <NmrcCd>	[0..1]	Text		540
	Decimal <Dcml>	[0..1]	Quantity		540
	Name <Nm>	[0..1]	Text		540

2.4.2.9.3.2.2.5.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.5.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.2.2.5.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.2.2.5.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3.10 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		541
	HigherBin <HghrBin>	[1..1]	Text		541

2.4.2.9.3.2.2.5.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.2.2.5.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.2.2.5.11.4.3.11 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		541
	MinimumAmount <MinAmt>	[0..1]	Amount		541
	MaximumAmount <MaxAmt>	[0..1]	Amount		541

2.4.2.9.3.2.2.5.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.11.4.3.12 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		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542

2.4.2.9.3.2.2.5.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3.13 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		542
	AdditionalInformation <AddtlInf>	[0..1]	Text		542

2.4.2.9.3.2.2.5.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.2.2.5.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.2.2.5.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <Dclrtndtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrnd>	[0..1]			2108
	BarcodeType <BrndTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrndVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.2.2.5.12 ReconciliationIdentification <Rcncltnld>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.2.2.5.14 IssuerCITIdentification <IssrCITld>

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 2409

2.4.2.9.3.2.2.5.15 MerchantCITIdentification <MrchntCITld>

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 2409

2.4.2.9.3.2.2.5.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	547
	TotalAmount <TtlAmt>	[1..1]	Amount		547
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		547
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		547
	DetailedAmount <DtldAmt>	[0..1]	±		547
	RequestedAmount <ReqdAmt>	[0..1]	Amount		548
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		548
	InvoiceAmount <InvcAmt>	[0..1]	Amount		548
	ValidityDate <VldtyDt>	[0..1]	Date		548
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		548
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		549
	AccountType <AcctTp>	[0..1]	CodeSet		549
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			550
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <Dclrtndtls>	[0..*]	±		558
	Instalment <Instlmt>	[0..*]	±		559
	Recurring <Rcrng>	[0..1]	±		560
	AggregationTransaction <AggtTx>	[0..1]	±		561
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		561
	SaleItem <Saleitm>	[0..*]	±		561
	DeliveryLocation <DivryLctn>	[0..1]	Text		562
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		562
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		562
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		562
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		563
	AdditionalInformation <AddtlInf>	[0..*]			563
	Identification <Id>	[1..1]	Text		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrctcdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		564

2.4.2.9.3.2.2.5.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.5.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.9.3.2.2.5.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.9.3.2.2.5.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.9.3.2.2.5.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.9.3.2.2.5.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.9.3.2.2.5.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.9.3.2.2.5.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		552
	Conversion <Convs>	[0..1]			552
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtnDtls>	[0..*]	±		558

2.4.2.9.3.2.2.5.16.13.1 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 2406):

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

2.4.2.9.3.2.2.5.16.13.2 Conversion <Conv>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		554
	TargetCurrency <TrgtCcy>	[1..1]			554
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554
	ResultingAmount <RsltAmt>	[0..1]	Amount		555
	ExchangeRate <XchgRate>	[1..1]	Rate		555
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		555
	QuotationDate <QtnDt>	[0..1]	DateTime		555
	ValidFrom <VldFr>	[0..1]	DateTime		555
	ValidUntil <VldUntil>	[0..1]	DateTime		555
	SourceCurrency <SrcCcy>	[1..1]			555
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556
	ApplicableBinRange <AplblBinRg>	[0..*]			556
	LowerBin <LwrBin>	[1..1]	Text		557
	HigherBin <HghrBin>	[1..1]	Text		557
	OriginalAmount <OrgnlAmt>	[0..1]			557
	ActualAmount <ActlAmt>	[0..1]	Amount		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557
	CommissionDetails <ComssnDtls>	[0..*]			558
	Amount <Amt>	[1..1]	Amount		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	MarkUpDetails <MrkUpDtls>	[0..*]			558
	Rate <Rate>	[1..1]	Rate		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558
	DeclarationDetails <DclrtDtls>	[0..*]	±		558

2.4.2.9.3.2.2.5.16.13.2.1 CurrencyConversionIdentification <CcyConvslid>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.16.13.2.2 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	554
	NumericCode <NmrcCd>	[1..1]	Text		554
	Decimal <Dcml>	[1..1]	Quantity		554
	Name <Nm>	[0..1]	Text		554

2.4.2.9.3.2.2.5.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.5.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.2.2.5.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.2.2.5.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.13.2.4 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 2407

2.4.2.9.3.2.2.5.16.13.2.5 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 2407

2.4.2.9.3.2.2.5.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.2.2.5.16.13.2.9 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	556
	NumericCode <NmrcCd>	[0..1]	Text		556
	Decimal <Dcml>	[0..1]	Quantity		556
	Name <Nm>	[0..1]	Text		556

2.4.2.9.3.2.2.5.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.2.5.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.2.2.5.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.2.2.5.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.16.13.2.10 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		557
	HigherBin <HghrBin>	[1..1]	Text		557

2.4.2.9.3.2.2.5.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.2.2.5.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.2.2.5.16.13.2.11 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		557
	MinimumAmount <MinAmt>	[0..1]	Amount		557
	MaximumAmount <MaxAmt>	[0..1]	Amount		557

2.4.2.9.3.2.2.5.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.13.2.12 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		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558

2.4.2.9.3.2.2.5.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.2.2.5.16.13.2.13 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		558
	AdditionalInformation <AddtlInf>	[0..1]	Text		558

2.4.2.9.3.2.2.5.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.2.2.5.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.2.2.5.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.2.2.5.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.9.3.2.2.5.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.9.3.2.2.5.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

2.4.2.9.3.2.2.5.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.9.3.2.2.5.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.9.3.2.2.5.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.2.2.5.16.20 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 2406

2.4.2.9.3.2.2.5.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.2.2.5.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.2.2.5.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.2.2.5.16.24 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		563
	Value <Val>	[0..1]	Binary		563
	ProtectedValue <PrtctdVal>	[0..1]	±		563
	Type <Tp>	[0..1]	Text		564

2.4.2.9.3.2.2.5.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.9.3.2.2.5.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.9.3.2.2.5.16.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.9.3.2.2.5.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2408

2.4.2.9.3.2.2.5.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

2.4.2.9.3.2.2.5.17 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]	±		564
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			565
	Response <Rspn>	[1..1]	CodeSet		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566
	AuthorisationCode <AuthstnCd>	[0..1]	Text		566

2.4.2.9.3.2.2.5.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.9.3.2.2.5.17.2 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		565
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		566

2.4.2.9.3.2.2.5.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

2.4.2.9.3.2.2.5.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

2.4.2.9.3.2.2.5.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.2.2.5.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.9.3.2.2.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.9.3.2.2.5.19 CustomerOrder <CstmrOrdrr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.2.2.5.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2329

2.4.2.9.3.2.2.5.21 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 2406):

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

2.4.2.9.3.2.2.5.22 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 2411

2.4.2.9.3.2.2.5.23 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 2411

2.4.2.9.3.2.2.5.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.2.2.5.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.2.2.5.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.2.2.5.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.2.2.6 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItem> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.9.3.2.3 Data <Data>

Presence: [0..*]

Definition: Data related to a Loyalty program or account.

Data <Data> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		569
	Account <Acct>	[0..1]	±		570
	Amount <Amt>	[0..1]			570
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571

2.4.2.9.3.2.3.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.2.3.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.9.3.2.3.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		571
	Currency <Ccy>	[0..1]	CodeSet	C1	571
	Amount <Amt>	[1..1]	Amount		571

2.4.2.9.3.2.3.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.9.3.2.3.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.2.3.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3 ReversalRequest <RvslReq>

Presence: [0..1]

Definition: Content of the Reversal Request message.

ReversalRequest <RvslReq> contains the following **ReversalRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalTransaction <RvslTx>	[0..1]			576
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <Dclrtndtls>	[0..*]	±		596
	ReconciliationIdentification <RcncldId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AcctdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <Dclrtndtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtnTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620
	CustomerOrder <CstmrOrd>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622
	LoyaltyData <LltyData>	[0..*]			622
	CustomerOrder <CstmrOrd>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624
	ReversalReason <RvslRsn>	[1..1]	CodeSet		624
	ReversedAmount <RvslAmt>	[0..1]	Amount		625
	CustomerOrder <CstmrOrd>	[0..1]	±		625

2.4.2.9.3.3.1 ReversalTransaction <RvslTx>

Presence: [0..1]

Definition: Transaction to reverse.

ReversalTransaction <RvsITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		581
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		581
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		582
	TransactionType <TxTp>	[1..1]	CodeSet		582
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		583
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		584
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		584
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		584
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		585
	TransactionIdentification <TxId>	[1..1]	±		585
	OriginalTransaction <OrgnlTx>	[0..1]			585
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		597
	IssuerReferenceData <IssrRefData>	[0..1]	Text		597
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		597
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		597
	TransactionDetails <TxDtls>	[1..1]			598
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvcAmt>	[0..1]	Amount		602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtnDtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtnTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DlvryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		618
	AuthorisationResult <AuthstnRslt>	[0..1]			618
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		620

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		620
	CustomerToken <CstmrTkn>	[0..1]	±		620
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		621
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		621
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		621
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		621
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		622
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		622
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		622

2.4.2.9.3.3.1.1 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 2406):

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

2.4.2.9.3.3.1.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

2.4.2.9.3.3.1.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

2.4.2.9.3.3.1.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

2.4.2.9.3.3.1.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.9.3.3.1.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.9.3.3.1.7 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 2406):

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

2.4.2.9.3.3.1.8 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 2414

2.4.2.9.3.3.1.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.3.1.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		587
	TransactionIdentification <TxId>	[1..1]	±		587
	POIIdentification <POIID>	[1..1]	±		587
	CurrencyConversion <CcyConvs>	[0..1]			587
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <Dclrtndtls>	[0..*]	±		596

2.4.2.9.3.3.1.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.9.3.3.1.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

2.4.2.9.3.3.1.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		590
	ResultReason <RsltRsn>	[0..1]	Text		590
	ConversionDetails <ConvsDtls>	[0..*]			590
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtnDtls>	[0..*]	±		596

2.4.2.9.3.3.1.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

2.4.2.9.3.3.1.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		592
	TargetCurrency <TrgtCcy>	[1..1]			592
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592
	ResultingAmount <RsltAmt>	[0..1]	Amount		593
	ExchangeRate <XchgRate>	[1..1]	Rate		593
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		593
	QuotationDate <QtnDt>	[0..1]	DateTime		593
	ValidFrom <VldFr>	[0..1]	DateTime		593
	ValidUntil <VldUntil>	[0..1]	DateTime		593
	SourceCurrency <SrcCcy>	[1..1]			593
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594
	ApplicableBinRange <AplblBinRg>	[0..*]			594
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595
	OriginalAmount <OrgnlAmt>	[0..1]			595
	ActualAmount <ActlAmt>	[0..1]	Amount		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595
	CommissionDetails <ComssnDtls>	[0..*]			596
	Amount <Amt>	[1..1]	Amount		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	MarkUpDetails <MrkUpDtls>	[0..*]			596
	Rate <Rate>	[1..1]	Rate		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596
	DeclarationDetails <DclrtDtls>	[0..*]	±		596

2.4.2.9.3.3.1.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.11.4.3.2 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	592
	NumericCode <NmrcCd>	[1..1]	Text		592
	Decimal <Dcml>	[1..1]	Quantity		592
	Name <Nm>	[0..1]	Text		592

2.4.2.9.3.3.1.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.1.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.3.1.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.3.1.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.11.4.3.4 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 2407

2.4.2.9.3.3.1.11.4.3.5 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 2407

2.4.2.9.3.3.1.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.11.4.3.9 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	594
	NumericCode <NmrcCd>	[0..1]	Text		594
	Decimal <Dcml>	[0..1]	Quantity		594
	Name <Nm>	[0..1]	Text		594

2.4.2.9.3.3.1.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.1.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.3.1.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.3.1.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.11.4.3.10 ApplicableBinRange <ApIblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		595
	HigherBin <HghrBin>	[1..1]	Text		595

2.4.2.9.3.3.1.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.3.1.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.3.1.11.4.3.11 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		595
	MinimumAmount <MinAmt>	[0..1]	Amount		595
	MaximumAmount <MaxAmt>	[0..1]	Amount		595

2.4.2.9.3.3.1.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.11.4.3.12 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		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596

2.4.2.9.3.3.1.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.3.1.11.4.3.13 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		596
	AdditionalInformation <AddtlInf>	[0..1]	Text		596

2.4.2.9.3.3.1.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.3.1.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.3.1.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <Dclrtndtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrctTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrctVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.3.1.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.3.1.14 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 2409

2.4.2.9.3.3.1.15 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 2409

2.4.2.9.3.3.1.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	601
	TotalAmount <TtlAmt>	[1..1]	Amount		601
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		601
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		601
	DetailedAmount <DtldAmt>	[0..1]	±		601
	RequestedAmount <ReqdAmt>	[0..1]	Amount		602
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		602
	InvoiceAmount <InvcAmt>	[0..1]	Amount		602
	ValidityDate <VldtyDt>	[0..1]	Date		602
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		602
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		603
	AccountType <AcctTp>	[0..1]	CodeSet		603
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			604
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <Dclrtndtls>	[0..*]	±		612
	Instalment <Instlmt>	[0..*]	±		613
	Recurring <Rcrng>	[0..1]	±		614
	AggregationTransaction <AggtTx>	[0..1]	±		615
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		615
	SaleItem <Saleitm>	[0..*]	±		615
	DeliveryLocation <DivryLctn>	[0..1]	Text		616
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		616
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		616
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		616
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		617
	AdditionalInformation <AddtlInf>	[0..*]			617
	Identification <Id>	[1..1]	Text		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		618

2.4.2.9.3.3.1.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.1.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

2.4.2.9.3.3.1.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

2.4.2.9.3.3.1.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

2.4.2.9.3.3.1.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

2.4.2.9.3.3.1.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

2.4.2.9.3.3.1.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

2.4.2.9.3.3.1.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		606
	Conversion <Convs>	[0..1]			606
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtnDtls>	[0..*]	±		612

2.4.2.9.3.3.1.16.13.1 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 2406):

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

2.4.2.9.3.3.1.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		608
	TargetCurrency <TrgtCcy>	[1..1]			608
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608
	ResultingAmount <RsltAmt>	[0..1]	Amount		609
	ExchangeRate <XchgRate>	[1..1]	Rate		609
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		609
	QuotationDate <QtnDt>	[0..1]	DateTime		609
	ValidFrom <VldFr>	[0..1]	DateTime		609
	ValidUntil <VldUntil>	[0..1]	DateTime		609
	SourceCurrency <SrcCcy>	[1..1]			609
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610
	ApplicableBinRange <AplblBinRg>	[0..*]			610
	LowerBin <LwrBin>	[1..1]	Text		611
	HigherBin <HghrBin>	[1..1]	Text		611
	OriginalAmount <OrgnlAmt>	[0..1]			611
	ActualAmount <ActlAmt>	[0..1]	Amount		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611
	CommissionDetails <ComssnDtls>	[0..*]			612
	Amount <Amt>	[1..1]	Amount		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	MarkUpDetails <MrkUpDtls>	[0..*]			612
	Rate <Rate>	[1..1]	Rate		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612
	DeclarationDetails <DclrtDtls>	[0..*]	±		612

2.4.2.9.3.3.1.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.16.13.2.2 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	608
	NumericCode <NmrcCd>	[1..1]	Text		608
	Decimal <Dcml>	[1..1]	Quantity		608
	Name <Nm>	[0..1]	Text		608

2.4.2.9.3.3.1.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.1.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.3.1.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.3.1.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.13.2.4 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 2407

2.4.2.9.3.3.1.16.13.2.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.3.1.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

2.4.2.9.3.3.1.16.13.2.9 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	610
	NumericCode <NmrcCd>	[0..1]	Text		610
	Decimal <Dcml>	[0..1]	Quantity		610
	Name <Nm>	[0..1]	Text		610

2.4.2.9.3.3.1.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.1.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

2.4.2.9.3.3.1.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

2.4.2.9.3.3.1.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.16.13.2.10 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		611
	HigherBin <HghrBin>	[1..1]	Text		611

2.4.2.9.3.3.1.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.3.1.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

2.4.2.9.3.3.1.16.13.2.11 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		611
	MinimumAmount <MinAmt>	[0..1]	Amount		611
	MaximumAmount <MaxAmt>	[0..1]	Amount		611

2.4.2.9.3.3.1.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.13.2.12 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		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612

2.4.2.9.3.3.1.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.3.1.16.13.2.13 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		612
	AdditionalInformation <AddtlInf>	[0..1]	Text		612

2.4.2.9.3.3.1.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

2.4.2.9.3.3.1.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

2.4.2.9.3.3.1.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.9.3.3.1.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

2.4.2.9.3.3.1.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

2.4.2.9.3.3.1.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

2.4.2.9.3.3.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

2.4.2.9.3.3.1.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

2.4.2.9.3.3.1.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

2.4.2.9.3.3.1.16.20 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 2406

2.4.2.9.3.3.1.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.3.1.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

2.4.2.9.3.3.1.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.1.16.24 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		617
	Value <Val>	[0..1]	Binary		617
	ProtectedValue <PrctcdVal>	[0..1]	±		617
	Type <Tp>	[0..1]	Text		618

2.4.2.9.3.3.1.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

2.4.2.9.3.3.1.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

2.4.2.9.3.3.1.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

2.4.2.9.3.3.1.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

2.4.2.9.3.3.1.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2332

2.4.2.9.3.3.1.17 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]	±		618
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			619
	Response <Rspn>	[1..1]	CodeSet		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620
	AuthorisationCode <AuthstnCd>	[0..1]	Text		620

2.4.2.9.3.3.1.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

2.4.2.9.3.3.1.17.2 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		619
	ResponseReason <RspnRsn>	[0..1]	Text		619
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		620

2.4.2.9.3.3.1.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

2.4.2.9.3.3.1.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

2.4.2.9.3.3.1.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

2.4.2.9.3.3.1.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

2.4.2.9.3.3.1.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

2.4.2.9.3.3.1.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.3.1.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

2.4.2.9.3.3.1.21 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 2406):

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

2.4.2.9.3.3.1.22 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 2411

2.4.2.9.3.3.1.23 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 2411

2.4.2.9.3.3.1.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.3.1.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.3.1.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.3.1.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

2.4.2.9.3.3.2 LoyaltyData <LltyData>

Presence: [0..*]

Definition: Data linked to card loyalty during payment.

LoyaltyData <LltyData> contains the following **LoyaltyRequestData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		622
	Account <Acct>	[0..1]	±		623
	Amount <Amt>	[0..1]			623
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624

2.4.2.9.3.3.2.1 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: To retrieve Card Acquisition Data.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.9.3.3.2.2 Account <Acct>

Presence: [0..1]

Definition: Identification of a Loyalty account.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

2.4.2.9.3.3.2.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of a loyalty account.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		624
	Currency <Ccy>	[0..1]	CodeSet	C1	624
	Amount <Amt>	[1..1]	Amount		624

2.4.2.9.3.3.2.3.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

2.4.2.9.3.3.2.3.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

2.4.2.9.3.3.2.3.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.3 ReversalReason <RvsIRsn>

Presence: [1..1]

Definition: Reason for this reversal.

Datatype: "ReversalReason1Code" on page 2393

CodeName	Name	Definition
CUSC	CustomerCancellation	Customer cancels the transaction.

CodeName	Name	Definition
MALF	Malfuntion	Reversal after a suspicion of malfunction of the POI system.
MERC	MerchantCancellation	Merchant or Cashier cancels the transaction.
UNAB	UnableToComplete	POI System unable to complete transaction.

2.4.2.9.3.3.4 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount to reverse (total or partial).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.9.3.3.5 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: Specific Customer Order linked with the reversal.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

2.4.2.10 EnableServiceRequest <NbISvcReq>

Presence: [0..1]

Definition: Content of the Enable Service Request.

EnableServiceRequest <NbISvcReq> contains the following **EnableServiceRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAction <TxActn>	[1..1]	CodeSet		626
	ServicesEnabled <SvcsNbld>	[0..1]	CodeSet		626
	DisplayOutput <DispOutpt>	[0..1]	±		627

2.4.2.10.1 TransactionAction <TxActn>

Presence: [1..1]

Definition: Action to realise on a transaction.

Datatype: "TransactionAction1Code" on page 2400

CodeName	Name	Definition
STAR	StartTransaction	Start a transaction by a swipe ahead mechanism, with the services which are enabled.
STOP	Stop	Keep quite after a swipe ahead mechanism.

2.4.2.10.2 ServicesEnabled <SvcsNbld>

Presence: [0..1]

Definition: Services enabled before the start-up of a transaction.

Datatype: "RetailerService2Code" on page 2390

CodeName	Name	Definition
FSPQ	FinancialPaymentRequest	The Sale System requests to the POI System to perform a payment(Purchase/ Refund/PWCB/MOTO Payment/...).
FSRQ	FinancialReversalRequest	The Sale System requests to the POI System to perform a reversal partial or complete to cancel a former payment service.
FSIQ	FinancialBalanceInquiryRequest	The Sale System requests to the POI System to perform balance inquiry on the main account.
FSBQ	FinancialBatchRequest	The Batch message pair is used to request or get the result of transactions (payment, loyalty and reversal) performed without connection to the Sale system (Payment delivery).
FSLQ	FinancialLoyaltyRequest	The Sale System requests to the POI System a loyalty service like loading or redeem.
FSVQ	FinancialStoredValueRequest	The Sale System requests to the POI System to manage a stored value card or account (eg. Load, Payment, Reimbursement).

CodeName	Name	Definition
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.
FSAQ	FinancialCardAcquisitionRequest	The Sale System requests to the POI System to handle a card data acquisition on the card reader.
FSCQ	FinancialReconciliationRequest	The Sale System request to the POI System different kinds of transaction reconciliation.

2.4.2.10.3 DisplayOutput <DispOutput>

Presence: [0..1]

Definition: Prompt or welcome message.

DisplayOutput <DispOutput> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

2.4.2.11 CardAcquisitionRequest <CardAcqstnReq>

Presence: [0..1]

Definition: Content of the Card Acquisition Request.

CardAcquisitionRequest <CardAcqstnReq> contains the following **CardAcquisitionRequest3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		628
	AllowedPaymentBrand <AllwdPmtBrnd>	[0..*]	Text		628
	AllowedLoyaltyBrand <AllwdLltyBrnd>	[0..*]	Text		628
	ForceCustomerSelectionFlag <ForceCstmrSelctnFlg>	[0..1]	Indicator		628
	TotalAmount <TtlAmt>	[0..1]	Amount		629
	PaymentType <PmtTp>	[0..1]	CodeSet		629
	CashBackFlag <CshBckFlg>	[0..1]	Indicator		629
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		629
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		630
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		630

2.4.2.11.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

2.4.2.11.2 AllowedPaymentBrand <AllwdPmtBrnd>

Presence: [0..*]

Definition: Card payment brands allowed by the Sale System for the payment transaction.

Datatype: "Max35Text" on page 2411

2.4.2.11.3 AllowedLoyaltyBrand <AllwdLltyBrnd>

Presence: [0..*]

Definition: Loyalty brands or programs allowed by the Sale System for the loyalty transaction.

Datatype: "Max35Text" on page 2411

2.4.2.11.4 ForceCustomerSelectionFlag <ForceCstmrSelctnFlg>

Presence: [0..1]

Definition: Indicates if the Customer realises the selection of the card application.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

2.4.2.11.5 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Amount of the transaction. It allows the processing of a contactless card.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

2.4.2.11.6 PaymentType <PmtTp>

Presence: [0..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType13Code" on page 2355

CodeName	Name	Definition
CRDP	CardPayment	Card payment.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
IRES	InitialReservation	Initial reservation.
DEFR	DeferredPayment	Deferred payment.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
RECP	RecurringPayment	Recurring payment.
INSP	Instalment	Instalment payment.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
RFND	Refund	Refund transaction.
VCAU	VoiceAuthorisation	Voice authorisation.

2.4.2.11.7 CashBackFlag <CshBckFlg>

Presence: [0..1]

Definition: Indicates if Cashback is allowed

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

2.4.2.11.8 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: The POI System receives this information.

Datatype: "Max70Text" on page 2413

2.4.2.11.9 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

2.4.2.11.10 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

2.4.2.12 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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 or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

3 casp.002.001.07 SaleToPOIServiceResponseV07

3.1 MessageDefinition Functionality

The SaleToPOIServiceResponse message is sent by a POI to provide the outcome of a financial service.

Outline

The SaleToPOIServiceResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the response.
- B. ServiceResponse
Information related to the response of a service request.
- C. SecurityTrailer
Trailer of the message containing a MAC or a digital signature.

3.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOISvcRspn>	[1..1]			
	Header <Hdr>	[1..1]			648
	MessageFunction <MsgFctn>	[1..1]	CodeSet		649
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		650
	ExchangeIdentification <XchgId>	[1..1]	Text		650
	CreationDateTime <CreDtTm>	[1..1]	DateTime		650
	InitiatingParty <InitgPty>	[1..1]	±		650
	RecipientParty <RcptPty>	[0..1]	±		651
	Traceability <Tracblt>	[0..*]	±		652
	ServiceResponse <SvcRspn>	[1..1]			652
	Environment <Envt>	[1..1]	±	C9	668
	Context <Cntxt>	[1..1]		C10	674
	PaymentContext <PmtCntxt>	[0..1]			677
	CardPresent <CardPres>	[0..1]	Indicator		677
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		677
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		678
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		678
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		678
	TransactionChannel <TxChanl>	[0..1]	CodeSet		678
	BusinessArea <BizArea>	[0..1]	CodeSet		679
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		679
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	679
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		680
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		680
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		681
	SaleContext <SaleCntxt>	[0..1]			681
	SaleIdentification <SaleId>	[0..1]	Text		682
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		682
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		683
	CashierIdentification <CshrlId>	[0..1]	Text		683

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	683
	ShiftNumber <ShftNb>	[0..1]	Text		683
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		683
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		683
	InvoiceNumber <InvcNb>	[0..1]	Text		683
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		684
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			684
	CommonName <CmonNm>	[1..1]	Text		684
	Address <Adr>	[0..1]	Text		684
	CountryCode <CtryCd>	[1..1]	CodeSet		684
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		684
	RegisteredIdentifier <Reglddr>	[1..1]	Text		684
	SplitPayment <Spltpmt>	[0..1]	Indicator		685
	RemainingAmount <RmngAmt>	[0..1]	Amount		685
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		685
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		685
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		685
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		686
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		686
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	686
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		687
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		687
	SystemToNotify <SysToNtfy>	[0..1]	Text		687
	Debtor <Dbtr>	[0..1]	±		688
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	689
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		689
	Creditor <Cdtr>	[0..1]	±		689
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	690
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		691
	DirectDebitContext <DrctDbtCntxt>	[0..1]			691
	Debtor <Dbtr>	[0..1]	±		692

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	693
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		694
	Creditor <Cdtr>	[0..1]	±		694
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	695
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		696
	MandateRelatedInformation <MndtRltdInf>	[1..1]			696
	MandateIdentification <MndtId>	[1..1]	Text		697
	DateOfSignature <DtOfSgntr>	[0..1]	Date		697
	MandateImage <MndtImg>	[0..1]	Binary		697
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		697
	ServiceContent <SvcCntt>	[1..1]	CodeSet		697
	PaymentResponse <PmtRspn>	[0..1]			698
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		699
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		700
	POITransactionIdentification <POITxId>	[1..1]	±		700
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		700
	IssuerReferenceData <IssrRefData>	[0..1]	Text		700
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		700
	PaymentReceipt <PmtRct>	[0..*]	±		707
	LoyaltyResult <LltyRslt>	[0..*]			708
	Account <Acct>	[1..1]	±		708
	Amount <Amt>	[0..1]			709
	Unit <Unit>	[0..1]	CodeSet		709
	Currency <Ccy>	[0..1]	CodeSet	C1	709
	Amount <Amt>	[1..1]	Amount		710
	ServerData <SvrData>	[0..1]			710
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		710
	ApprovalCode <ApprvlCd>	[0..1]	Text		710
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		710
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		711
	Rebates <Rbts>	[0..1]			711

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		711
	RebateLabel <RbtLbl>	[0..1]	Text		711
	SaleItemRebate <SaleitmRbt>	[0..*]			711
	SaleItem <Saleitm>	[1..1]	±		712
	RebateLabel <RbtLbl>	[0..1]	Text		712
	CustomerOrder <CstmrOrd>	[0..*]	±		712
	ReversalResponse <RvslRspn>	[0..1]			713
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		718
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		718
	POITransactionIdentification <POITxId>	[1..1]	±		719
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		719
	IssuerReferenceData <IssrRefData>	[0..1]	Text		719
	ReversalTransactionResult <RvslTxRslt>	[1..1]			719
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		724
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			724
	TransactionCapture <TxCaptr>	[0..1]	Indicator		729
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		729
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		730
	TransactionType <TxTp>	[1..1]	CodeSet		730
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		731
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		732
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		732
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		732
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		733
	TransactionIdentification <TxId>	[1..1]	±		733
	OriginalTransaction <OrgnlTx>	[0..1]			733
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIID>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <DclrtnDtls>	[0..*]	±		744
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		745
	IssuerReferenceData <IssrRefData>	[0..1]	Text		745
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		745
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		745
	TransactionDetails <TxDtls>	[1..1]			746
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750
	InvoiceAmount <InvAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <DclrtnDtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <AggtnTx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DlvryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		764

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrtctdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		766
	AuthorisationResult <AuthstnRslt>	[0..1]			766
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		768
	CustomerOrder <CstmrOrd>	[0..1]	±		768
	CustomerToken <CstmrTkn>	[0..1]	±		768
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		769
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		769
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		769
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		769
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		770
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		770
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		770
	CustomerOrder <CstmrOrd>	[0..*]	±		770
	ReversedAmount <RvsdAmt>	[0..1]	Amount		770
	Receipt <Rct>	[0..*]	±		771
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			771
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		772
	POITransactionIdentification <POITxld>	[0..1]	±		772
	PaymentAccount <PmtAcct>	[0..1]			773

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	773
	CurrentBalance <CurBal>	[0..1]	Amount		773
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		773
	LoyaltyAccount <LltyAcct>	[0..1]	±		774
	StoredValueAccount <StordValAcct>	[0..*]			774
	AccountType <AcctTp>	[0..1]	CodeSet		775
	IdentificationType <IdTp>	[0..1]	CodeSet		776
	Identification <Id>	[0..1]	Text		776
	Brand <Brnd>	[0..1]	Text		776
	Provider <Prvdr>	[0..1]	Text		776
	OwnerName <OwnrNm>	[0..1]	Text		776
	ExpiryDate <XpryDt>	[0..1]	Text		777
	EntryMode <NtryMd>	[0..1]	CodeSet		777
	Currency <Ccy>	[0..1]	CodeSet	C1	777
	Balance <Bal>	[0..1]	Amount		778
	Receipt <Rct>	[0..*]	±		778
	LoyaltyResponse <LltyRspn>	[0..1]			778
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		779
	POITransactionIdentification <POITxld>	[1..1]	±		779
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		780
	Result <Rslt>	[0..*]			780
	Account <Acct>	[1..1]	±		781
	Amount <Amt>	[0..1]			781
	Unit <Unit>	[0..1]	CodeSet		781
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	Amount <Amt>	[1..1]	Amount		782
	ServerData <SvrData>	[0..1]			782
	LoyaltyServerIdentification <LltySvrld>	[0..1]	Text		782
	ApprovalCode <ApprvlCd>	[0..1]	Text		782
	LoyaltyTransactionIdentification <LltyTxld>	[0..1]	±		782
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		783

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Rebates <Rbts>	[0..1]			783
	TotalRebate <TtlRbt>	[0..1]	Amount		783
	RebateLabel <RbtLabl>	[0..1]	Text		783
	SaleItemRebate <SaleitmRbt>	[0..*]			783
	SaleItem <Saleitm>	[1..1]	±		784
	RebateLabel <RbtLabl>	[0..1]	Text		784
	StoredValueResponse <StordValRspn>	[0..1]			784
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		790
	POITransactionIdentification <POITxld>	[1..1]	±		790
	Result <Rslt>	[0..*]			790
	Provider <Prvdr>	[0..1]	Text		795
	TransactionType <TxTp>	[1..1]	CodeSet		796
	AccountIdentification <Acctld>	[0..1]			796
	AccountType <AcctTp>	[0..1]	CodeSet		796
	IdentificationType <ldTp>	[0..1]	CodeSet		797
	Identification <ld>	[0..1]	Text		798
	Brand <Brnd>	[0..1]	Text		798
	Provider <Prvdr>	[0..1]	Text		798
	OwnerName <OwnrNm>	[0..1]	Text		798
	ExpiryDate <XpryDt>	[0..1]	Text		798
	EntryMode <NtryMd>	[0..1]	CodeSet		798
	Currency <Ccy>	[0..1]	CodeSet	C1	799
	Balance <Bal>	[0..1]	Amount		799
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			799
	TransactionCapture <TxCaptr>	[0..1]	Indicator		804
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		804
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		805
	TransactionType <TxTp>	[1..1]	CodeSet		805
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		806
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		807
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		807

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		807
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		808
	TransactionIdentification <TxId>	[1..1]	±		808
	OriginalTransaction <OrgnlTx>	[0..1]			808
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		810
	TransactionIdentification <TxId>	[1..1]	±		810
	POIIdentification <POIID>	[1..1]	±		810
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <DclrtnDtls>	[0..*]	±		819
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		820
	IssuerReferenceData <IssrRefData>	[0..1]	Text		820
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		820
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		820
	TransactionDetails <TxDtls>	[1..1]			821
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvcAmt>	[0..1]	Amount		825
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtDtls>	[0..*]	±		835

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <AggtnTx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		839
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840
	AdditionalInformation <AddtlInf>	[0..*]			840
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctcdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841
	AuthorisationResult <AuthstnRslt>	[0..1]			841
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		843
	CustomerOrder <CstmrOrd>	[0..1]	±		843
	CustomerToken <CstmrTkn>	[0..1]	±		843
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		844
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		844
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		844
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		844
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		845

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		845
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		845
	ProductCode <PdctCd>	[0..1]	Text		845
	EANUPC <EANUPC>	[0..1]	Text		845
	ItemAmount <ItmAmt>	[0..1]	Amount		845
	Currency <Ccy>	[0..1]	CodeSet	C1	845
	HostTransactionIdentification <HstTxId>	[0..1]	±		846
	Receipt <Rct>	[0..*]	±		846
	BatchResponse <BtchRspn>	[0..1]			846
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		847
	POIBatchIdentification <POIBtchId>	[0..1]	±		848
	PerformedTransaction <PrfrmdTx>	[0..*]			848
	Response <Rspn>	[1..1]	±		849
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		850
	POITransactionIdentification <POITxId>	[0..1]	±		850
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		850
	PaymentResult <PmtRslt>	[0..1]	±		850
	LoyaltyResult <LtyRslt>	[0..*]			857
	Account <Acct>	[1..1]	±		858
	Amount <Amt>	[0..1]			859
	Unit <Unit>	[0..1]	CodeSet		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860
	ServerData <SvrData>	[0..1]			860
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		860
	ApprovalCode <ApprvlCd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		861
	Rebates <Rbts>	[0..1]			861
	TotalRebate <TtlRbt>	[0..1]	Amount		861
	RebateLabel <RbtLab>	[0..1]	Text		861

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItemRebate <SaleItemRbt>	[0..*]			861
	SaleItem <SaleItem>	[1..1]	±		862
	RebateLabel <RbtLabl>	[0..1]	Text		862
	ReversedAmount <RvsdAmt>	[0..1]	Amount		862
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			863
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		863
	POITransactionIdentification <POITxId>	[1..1]	±		863
	PaymentBrand <PmtBrnd>	[0..*]	Text		863
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	864
	LoyaltyAccount <LtyAcct>	[0..*]	±		864
	CustomerOrder <CstmrOrd>	[0..*]	±		864
	Response <Rspn>	[1..1]	±		865
	SupplementaryData <SplmtryData>	[0..*]	±	C12	865
	SecurityTrailer <SctyTrlr>	[0..1]	±		866

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 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.

3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

3.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the response.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		649
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		650
	ExchangeIdentification <Xchgld>	[1..1]	Text		650
	CreationDateTime <CreDtTm>	[1..1]	DateTime		650
	InitiatingParty <InitgPty>	[1..1]	±		650
	RecipientParty <RcptPty>	[0..1]	±		651
	Traceability <Tracblt>	[0..*]	±		652

3.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

3.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

3.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

3.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

3.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

3.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

3.4.2 ServiceResponse <SvcRspn>

Presence: [1..1]

Definition: Information related to the response of a service request.

ServiceResponse <SvcRspn> contains the following **ServiceResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C9	668
	Context <Cntxt>	[1..1]		C10	674
	PaymentContext <PmtCntxt>	[0..1]			677
	CardPresent <CardPres>	[0..1]	Indicator		677
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		677
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		678
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		678
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		678
	TransactionChannel <TxChanl>	[0..1]	CodeSet		678
	BusinessArea <BizArea>	[0..1]	CodeSet		679
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		679
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	679
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		680
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		680
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		681
	SaleContext <SaleCntxt>	[0..1]			681
	SaleIdentification <SaleId>	[0..1]	Text		682
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		682
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		683
	CashierIdentification <CshrlId>	[0..1]	Text		683
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	683
	ShiftNumber <ShftNb>	[0..1]	Text		683
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		683
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		683
	InvoiceNumber <InvNb>	[0..1]	Text		683
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		684
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			684
	CommonName <CmonNm>	[1..1]	Text		684
	Address <Adr>	[0..1]	Text		684
	CountryCode <CtryCd>	[1..1]	CodeSet		684
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		684

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <Regdldr>	[1..1]	Text		684
	SplitPayment <Spltpmt>	[0..1]	Indicator		685
	RemainingAmount <RmngAmt>	[0..1]	Amount		685
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		685
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		685
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		685
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		686
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		686
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	686
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		687
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		687
	SystemToNotify <SysToNtfy>	[0..1]	Text		687
	Debtor <Dbtr>	[0..1]	±		688
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	689
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		689
	Creditor <Cdtr>	[0..1]	±		689
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	690
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		691
	DirectDebitContext <DrctDbtCntxt>	[0..1]			691
	Debtor <Dbtr>	[0..1]	±		692
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	693
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		694
	Creditor <Cdtr>	[0..1]	±		694
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	695
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		696
	MandateRelatedInformation <MndtRltdInf>	[1..1]			696
	MandateIdentification <Mndtld>	[1..1]	Text		697
	DateOfSignature <DtOfSgntr>	[0..1]	Date		697
	MandateImage <Mndtlmg>	[0..1]	Binary		697
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		697
	ServiceContent <SvcCntt>	[1..1]	CodeSet		697

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentResponse <PmtRspn>	[0..1]			698
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		699
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		700
	POITransactionIdentification <POITxId>	[1..1]	±		700
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		700
	IssuerReferenceData <IssrRefData>	[0..1]	Text		700
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		700
	PaymentReceipt <PmtRct>	[0..*]	±		707
	LoyaltyResult <LtyRslt>	[0..*]			708
	Account <Acct>	[1..1]	±		708
	Amount <Amt>	[0..1]			709
	Unit <Unit>	[0..1]	CodeSet		709
	Currency <Ccy>	[0..1]	CodeSet	C1	709
	Amount <Amt>	[1..1]	Amount		710
	ServerData <SvrData>	[0..1]			710
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		710
	ApprovalCode <ApprvlCd>	[0..1]	Text		710
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		710
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		711
	Rebates <Rbts>	[0..1]			711
	TotalRebate <TtlRbt>	[0..1]	Amount		711
	RebateLabel <RbtLbl>	[0..1]	Text		711
	SaleItemRebate <SaleItmRbt>	[0..*]			711
	SaleItem <SaleItm>	[1..1]	±		712
	RebateLabel <RbtLbl>	[0..1]	Text		712
	CustomerOrder <CstmrOrd>	[0..*]	±		712
	ReversalResponse <RvsIRspn>	[0..1]			713
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		718
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		718
	POITransactionIdentification <POITxId>	[1..1]	±		719
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		719

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerReferenceData <IssrRefData>	[0..1]	Text		719
	ReversalTransactionResult <RvsITxRslt>	[1..1]			719
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		724
	OriginalPaymentTransaction <OrgnIPmtTx>	[0..1]			724
	TransactionCapture <TxCaptr>	[0..1]	Indicator		729
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		729
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		730
	TransactionType <TxTp>	[1..1]	CodeSet		730
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		731
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		732
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		732
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		732
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		733
	TransactionIdentification <TxId>	[1..1]	±		733
	OriginalTransaction <OrgnITx>	[0..1]			733
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIID>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltgAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <Dclrtndtls>	[0..*]	±		744
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		745
	IssuerReferenceData <IssrRefData>	[0..1]	Text		745
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		745
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		745
	TransactionDetails <TxDtls>	[1..1]			746
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750
	InvoiceAmount <InvcAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <Dclrtndtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <AggtTx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DlvryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		764
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrctdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		766
	AuthorisationResult <AuthstnRslt>	[0..1]			766
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		768
	CustomerOrder <CstmrOrd>	[0..1]	±		768
	CustomerToken <CstmrTkn>	[0..1]	±		768
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		769
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		769
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		769
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		769
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		770
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		770
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		770
	CustomerOrder <CstmrOrd>	[0..*]	±		770
	ReversedAmount <RvsdAmt>	[0..1]	Amount		770
	Receipt <Rct>	[0..*]	±		771
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			771
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		772
	POITransactionIdentification <POITxId>	[0..1]	±		772
	PaymentAccount <PmtAcct>	[0..1]			773
	Currency <Ccy>	[0..1]	CodeSet	C1	773
	CurrentBalance <CurBal>	[0..1]	Amount		773
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		773
	LoyaltyAccount <LltyAcct>	[0..1]	±		774
	StoredValueAccount <StordValAcct>	[0..*]			774
	AccountType <AcctTp>	[0..1]	CodeSet		775
	IdentificationType <IdTp>	[0..1]	CodeSet		776
	Identification <Id>	[0..1]	Text		776
	Brand <Brnd>	[0..1]	Text		776
	Provider <Prvdr>	[0..1]	Text		776
	OwnerName <OwnrNm>	[0..1]	Text		776

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExpiryDate <XpryDt>	[0..1]	Text		777
	EntryMode <NtryMd>	[0..1]	CodeSet		777
	Currency <Ccy>	[0..1]	CodeSet	C1	777
	Balance <Bal>	[0..1]	Amount		778
	Receipt <Rct>	[0..*]	±		778
	LoyaltyResponse <LtyRspn>	[0..1]			778
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		779
	POITransactionIdentification <POITxld>	[1..1]	±		779
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		780
	Result <Rslt>	[0..*]			780
	Account <Acct>	[1..1]	±		781
	Amount <Amt>	[0..1]			781
	Unit <Unit>	[0..1]	CodeSet		781
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	Amount <Amt>	[1..1]	Amount		782
	ServerData <SvrData>	[0..1]			782
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		782
	ApprovalCode <ApprvlCd>	[0..1]	Text		782
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		782
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		783
	Rebates <Rbts>	[0..1]			783
	TotalRebate <TtlRbt>	[0..1]	Amount		783
	RebateLabel <RbtLabl>	[0..1]	Text		783
	SaleItemRebate <SaleItmRbt>	[0..*]			783
	SaleItem <SaleItm>	[1..1]	±		784
	RebateLabel <RbtLabl>	[0..1]	Text		784
	StoredValueResponse <StordValRspn>	[0..1]			784
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		790
	POITransactionIdentification <POITxld>	[1..1]	±		790
	Result <Rslt>	[0..*]			790
	Provider <Prvdr>	[0..1]	Text		795

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		796
	AccountIdentification <AcctId>	[0..1]			796
	AccountType <AcctTp>	[0..1]	CodeSet		796
	IdentificationType <IdTp>	[0..1]	CodeSet		797
	Identification <Id>	[0..1]	Text		798
	Brand <Brnd>	[0..1]	Text		798
	Provider <Prvdr>	[0..1]	Text		798
	OwnerName <OwnrNm>	[0..1]	Text		798
	ExpiryDate <XpryDt>	[0..1]	Text		798
	EntryMode <NtryMd>	[0..1]	CodeSet		798
	Currency <Ccy>	[0..1]	CodeSet	C1	799
	Balance <Bal>	[0..1]	Amount		799
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			799
	TransactionCapture <TxCaptr>	[0..1]	Indicator		804
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		804
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		805
	TransactionType <TxTp>	[1..1]	CodeSet		805
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		806
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		807
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		807
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		807
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		808
	TransactionIdentification <TxId>	[1..1]	±		808
	OriginalTransaction <OrgnlTx>	[0..1]			808
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		810
	TransactionIdentification <TxId>	[1..1]	±		810
	POIIdentification <POIId>	[1..1]	±		810
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <Dclrtndtls>	[0..*]	±		819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		820
	IssuerReferenceData <IssrRefData>	[0..1]	Text		820
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		820
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		820
	TransactionDetails <TxDtls>	[1..1]			821
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvAmt>	[0..1]	Amount		825
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtnDtls>	[0..*]	±		835
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <AggtnTx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		839
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840
	AdditionalInformation <AddtlInf>	[0..*]			840

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctcdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841
	AuthorisationResult <AuthstnRslt>	[0..1]			841
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		843
	CustomerOrder <CstmrOrd>	[0..1]	±		843
	CustomerToken <CstmrTkn>	[0..1]	±		843
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		844
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		844
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		844
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		844
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		845
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		845
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		845
	ProductCode <PdctCd>	[0..1]	Text		845
	EANUPC <EANUPC>	[0..1]	Text		845
	ItemAmount <ItmAmt>	[0..1]	Amount		845
	Currency <Ccy>	[0..1]	CodeSet	C1	845
	HostTransactionIdentification <HstTxId>	[0..1]	±		846
	Receipt <Rct>	[0..*]	±		846
	BatchResponse <BtchRspn>	[0..1]			846
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		847
	POIBatchIdentification <POIBtchId>	[0..1]	±		848

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PerformedTransaction <PrfrmdTx>	[0..*]			848
	Response <Rspn>	[1..1]	±		849
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		850
	POITransactionIdentification <POITxld>	[0..1]	±		850
	POIReconciliationIdentification <POIRcncld>	[0..1]	Text		850
	PaymentResult <PmtRslt>	[0..1]	±		850
	LoyaltyResult <LtyRslt>	[0..*]			857
	Account <Acct>	[1..1]	±		858
	Amount <Amt>	[0..1]			859
	Unit <Unit>	[0..1]	CodeSet		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860
	ServerData <SvrData>	[0..1]			860
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		860
	ApprovalCode <ApprvlCd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncld>	[0..1]	Text		861
	Rebates <Rbts>	[0..1]			861
	TotalRebate <TtlRbt>	[0..1]	Amount		861
	RebateLabel <RbtLbl>	[0..1]	Text		861
	SaleItemRebate <SaleitmRbt>	[0..*]			861
	SaleItem <Saleitm>	[1..1]	±		862
	RebateLabel <RbtLbl>	[0..1]	Text		862
	ReversedAmount <RvsvdAmt>	[0..1]	Amount		862
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			863
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		863
	POITransactionIdentification <POITxld>	[1..1]	±		863
	PaymentBrand <PmtBrnd>	[0..*]	Text		863
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	864
	LoyaltyAccount <LtyAcct>	[0..*]	±		864
	CustomerOrder <CstmrOrdr>	[0..*]	±		864

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		865
	SupplementaryData <SplmtryData>	[0..*]	±	C12	865

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhdldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BillgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

3.4.2.2 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]			677
	CardPresent <CardPres>	[0..1]	Indicator		677
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		677
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		678
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		678
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		678
	TransactionChannel <TxChanl>	[0..1]	CodeSet		678
	BusinessArea <BizArea>	[0..1]	CodeSet		679
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		679
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	679
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		680
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		680
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		681
	SaleContext <SaleCntxt>	[0..1]			681
	SaleIdentification <SaleId>	[0..1]	Text		682
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		682
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		683
	CashierIdentification <CshrId>	[0..1]	Text		683
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	683
	ShiftNumber <ShftNb>	[0..1]	Text		683
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		683
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		683
	InvoiceNumber <InvNb>	[0..1]	Text		683
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		684
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			684
	CommonName <CmonNm>	[1..1]	Text		684
	Address <Adr>	[0..1]	Text		684
	CountryCode <CtryCd>	[1..1]	CodeSet		684
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		684
	RegisteredIdentifier <Regldr>	[1..1]	Text		684
	SplitPayment <SpltPmt>	[0..1]	Indicator		685

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		685
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		685
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		685
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		685
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		686
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		686
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	686
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		687
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		687
	SystemToNotify <SysToNtfy>	[0..1]	Text		687
	Debtor <Dbtr>	[0..1]	±		688
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	689
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		689
	Creditor <Cdtr>	[0..1]	±		689
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	690
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		691
	DirectDebitContext <DrctDbtCntxt>	[0..1]			691
	Debtor <Dbtr>	[0..1]	±		692
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	693
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		694
	Creditor <Cdtr>	[0..1]	±		694
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	695
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		696
	MandateRelatedInformation <MndtRltdInf>	[1..1]			696
	MandateIdentification <Mndtld>	[1..1]	Text		697
	DateOfSignature <DtOfSgntr>	[0..1]	Date		697
	MandateImage <Mndtlmg>	[0..1]	Binary		697
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		697

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

3.4.2.2.1 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		677
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		677
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		678
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		678
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		678
	TransactionChannel <TxChanl>	[0..1]	CodeSet		678
	BusinessArea <BizArea>	[0..1]	CodeSet		679
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		679
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	679
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		680
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		680
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		681

3.4.2.2.1.1 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 2406](#)):

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

3.4.2.2.1.2 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 2406](#)):

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

3.4.2.2.1.3 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 2406):

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

3.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

3.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

3.4.2.2.1.6 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 2400

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.

3.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

3.4.2.2.1.8 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 2406):

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

3.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

3.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

3.4.2.2.1.11 FallbackIndicator <FlIbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

3.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

3.4.2.2.2 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		682
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		682
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		683
	CashierIdentification <CshrId>	[0..1]	Text		683
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	683
	ShiftNumber <ShftNb>	[0..1]	Text		683
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		683
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		683
	InvoiceNumber <InvcNb>	[0..1]	Text		683
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		684
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			684
	CommonName <CmonNm>	[1..1]	Text		684
	Address <Adr>	[0..1]	Text		684
	CountryCode <CtryCd>	[1..1]	CodeSet		684
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		684
	RegisteredIdentifier <Regdldr>	[1..1]	Text		684
	SplitPayment <Spltpmt>	[0..1]	Indicator		685
	RemainingAmount <RmngAmt>	[0..1]	Amount		685
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		685
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		685
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		685
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		686
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		686

3.4.2.2.2.1 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 2411

3.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

3.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

3.4.2.2.2.7 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 2406):

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

3.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

3.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

3.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.2.11 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		684
	Address <Adr>	[0..1]	Text		684
	CountryCode <CtryCd>	[1..1]	CodeSet		684
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		684
	RegisteredIdentifier <Regldr>	[1..1]	Text		684

3.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

3.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

3.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

3.4.2.2.2.11.4 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 2414

3.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.2.12 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 2406):

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

3.4.2.2.2.13 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 2332

3.4.2.2.2.14 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 2406):

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

3.4.2.2.2.15 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 2406):

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

3.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

3.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

3.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

3.4.2.2.3 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		687
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		687
	SystemToNotify <SysToNtfy>	[0..1]	Text		687
	Debtor <Dbtr>	[0..1]	±		688
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	689
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		689
	Creditor <Cdtr>	[0..1]	±		689
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	690
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		691

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

3.4.2.2.3.1 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 2406):

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

3.4.2.2.3.2 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 2406):

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

3.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

3.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

3.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

3.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

3.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

3.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.2.4 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]	±		692
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	693
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		694
	Creditor <Cdtr>	[0..1]	±		694
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	695
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		696
	MandateRelatedInformation <MndtRltdInf>	[1..1]			696
	MandateIdentification <MndtId>	[1..1]	Text		697
	DateOfSignature <DtOfSgntr>	[0..1]	Date		697
	MandateImage <MndtImg>	[0..1]	Binary		697
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		697

3.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

3.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

3.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

3.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

3.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.2.4.7 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		697
	DateOfSignature <DtOfSgntr>	[0..1]	Date		697
	MandateImage <MndtImg>	[0..1]	Binary		697
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		697

3.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

3.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

3.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service response.

Datatype: "RetailerService3Code" on page 2391

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.

3.4.2.4 PaymentResponse <PmtRspn>

Presence: [0..1]

Definition: Data to respond to a Payment request.

PaymentResponse <PmtRspn> contains the following **PaymentResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		699
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		700
	POITransactionIdentification <POITxld>	[1..1]	±		700
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		700
	IssuerReferenceData <IssrRefData>	[0..1]	Text		700
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		700
	PaymentReceipt <PmtRct>	[0..*]	±		707
	LoyaltyResult <LltyRslt>	[0..*]			708
	Account <Acct>	[1..1]	±		708
	Amount <Amt>	[0..1]			709
	Unit <Unit>	[0..1]	CodeSet		709
	Currency <Ccy>	[0..1]	CodeSet	C1	709
	Amount <Amt>	[1..1]	Amount		710
	ServerData <SvrData>	[0..1]			710
	LoyaltyServerIdentification <LltySvrld>	[0..1]	Text		710
	ApprovalCode <ApprvlCd>	[0..1]	Text		710
	LoyaltyTransactionIdentification <LltyTxld>	[0..1]	±		710
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		711
	Rebates <Rbts>	[0..1]			711
	TotalRebate <TtlRbt>	[0..1]	Amount		711
	RebateLabel <RbtLabl>	[0..1]	Text		711
	SaleItemRebate <SaleitmRbt>	[0..*]			711
	SaleItem <Saleitm>	[1..1]	±		712
	RebateLabel <RbtLabl>	[0..1]	Text		712
	CustomerOrder <CstmrOrd>	[0..*]	±		712

3.4.2.4.1 SaleTransactionIdentification <SaleTxld>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.4.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 2411

3.4.2.4.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.4.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 2411

3.4.2.4.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: ["Max140Text"](#) on page 2409

3.4.2.4.6 RetailerPaymentResult <RtlrPmtRsIt>

Presence: [1..1]

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

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see
"RetailerPaymentResult7" on page 2133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTxx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2152
	TransactionIdentification <Txld>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2154
	TransactionIdentification <Txld>	[1..1]	±		2154
	POIIdentification <POIld>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrdr>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrdr>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

3.4.2.4.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

3.4.2.4.8 LoyaltyResult <LltyRslt>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		708
	Amount <Amt>	[0..1]			709
	Unit <Unit>	[0..1]	CodeSet		709
	Currency <Ccy>	[0..1]	CodeSet	C1	709
	Amount <Amt>	[1..1]	Amount		710
	ServerData <SvrData>	[0..1]			710
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		710
	ApprovalCode <ApprvICd>	[0..1]	Text		710
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		710
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		711
	Rebates <Rbts>	[0..1]			711
	TotalRebate <TtlRbt>	[0..1]	Amount		711
	RebateLabel <RbtLabl>	[0..1]	Text		711
	SaleItemRebate <SaleitmRbt>	[0..*]			711
	SaleItem <Saleitm>	[1..1]	±		712
	RebateLabel <RbtLabl>	[0..1]	Text		712

3.4.2.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <ldTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

3.4.2.4.8.2 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		709
	Currency <Ccy>	[0..1]	CodeSet	C1	709
	Amount <Amt>	[1..1]	Amount		710

3.4.2.4.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

3.4.2.4.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

• ActiveCurrency

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

3.4.2.4.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.4.8.3 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 <LtySvrld>	[0..1]	Text		710
	ApprovalCode <ApprvlCd>	[0..1]	Text		710
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		710
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		711

3.4.2.4.8.3.1 LoyaltyServerIdentification <LtySvrld>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

3.4.2.4.8.3.2 ApprovalCode <ApprvlCd>

Presence: [0..1]

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

Datatype: "Min6Max8Text" on page 2414

3.4.2.4.8.3.3 LoyaltyTransactionIdentification <LtyTxld>

Presence: [0..1]

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

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see
"TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

3.4.2.4.8.4 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		711
	RebateLabel <RbtLbl>	[0..1]	Text		711
	SaleItemRebate <SaleItmRbt>	[0..*]			711
	SaleItem <SaleItm>	[1..1]	±		712
	RebateLabel <RbtLbl>	[0..1]	Text		712

3.4.2.4.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.4.8.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.4.8.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		712
	RebateLabel <RbtLbl>	[0..1]	Text		712

3.4.2.4.8.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

3.4.2.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.4.9 CustomerOrder <CstmrOrd>

Presence: [0..*]

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

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

3.4.2.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		718
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		718
	POITransactionIdentification <POITxId>	[1..1]	±		719
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		719
	IssuerReferenceData <IssrRefData>	[0..1]	Text		719
	ReversalTransactionResult <RvslTxRslt>	[1..1]			719
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		724
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			724
	TransactionCapture <TxCaptr>	[0..1]	Indicator		729
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		729
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		730
	TransactionType <TxTp>	[1..1]	CodeSet		730
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		731
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		732
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		732
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		732
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		733
	TransactionIdentification <TxId>	[1..1]	±		733
	OriginalTransaction <OrgnlTx>	[0..1]			733
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIId>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <Dclrtndtls>	[0..*]	±		744
	ReconciliationIdentification <Rcnclntld>	[0..1]	Text		745
	IssuerReferenceData <IssrRefData>	[0..1]	Text		745
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		745
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		745

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			746
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750
	InvoiceAmount <InvcAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <Dclrtndtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <Aggtntx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DlvryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		764
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrctcdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		766
	AuthorisationResult <AuthstnRsIt>	[0..1]			766
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		768
	CustomerOrder <CstmrOrdr>	[0..1]	±		768
	CustomerToken <CstmrTkn>	[0..1]	±		768
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		769
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		769
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		769
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		769
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		770
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		770
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		770
	CustomerOrder <CstmrOrdr>	[0..*]	±		770
	ReversedAmount <RvsdAmt>	[0..1]	Amount		770
	Receipt <Rct>	[0..*]	±		771

3.4.2.5.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.5.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.5.4 POIReconciliationIdentification <POIRcncldId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

3.4.2.5.6 ReversalTransactionResult <RvslTxRslt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvslTxRslt> contains the following **RetailerReversalResult7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		724
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			724
	TransactionCapture <TxCaptr>	[0..1]	Indicator		729
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		729
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		730
	TransactionType <TxTp>	[1..1]	CodeSet		730
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		731
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		732
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		732
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		732
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		733
	TransactionIdentification <TxId>	[1..1]	±		733
	OriginalTransaction <OrgnlTx>	[0..1]			733
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIID>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltgAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <Dclrtndtls>	[0..*]	±		744
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		745
	IssuerReferenceData <IssrRefData>	[0..1]	Text		745
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		745
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		745
	TransactionDetails <TxDtls>	[1..1]			746
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750
	InvoiceAmount <InvcAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <DclrtDtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <AggtnTx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DlvryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		764
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrtctdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		766
	AuthorisationResult <AuthstnRslt>	[0..1]			766
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		768
	CustomerOrder <CstmrOrdr>	[0..1]	±		768
	CustomerToken <CstmrTkn>	[0..1]	±		768
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		769
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		769
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		769
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		769
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		770
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		770
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		770
	CustomerOrder <CstmrOrdr>	[0..*]	±		770

3.4.2.5.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnlPmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		729
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		729
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		730
	TransactionType <TxTp>	[1..1]	CodeSet		730
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		731
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		732
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		732
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		732
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		733
	TransactionIdentification <TxId>	[1..1]	±		733
	OriginalTransaction <OrgnlTx>	[0..1]			733
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIID>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <DclrtnDtls>	[0..*]	±		744
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		745
	IssuerReferenceData <IssrRefData>	[0..1]	Text		745
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		745
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		745
	TransactionDetails <TxDtls>	[1..1]			746
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvcAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <DclrtDtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <AggtnTx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DivryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		764
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrctcdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		766
	AuthorisationResult <AuthstnRslt>	[0..1]			766
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		768
	CustomerOrder <CstmrOrd>	[0..1]	±		768
	CustomerToken <CstmrTkn>	[0..1]	±		768
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		769
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		769
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		769
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		769
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		770
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		770
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		770

3.4.2.5.6.2.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

3.4.2.5.6.2.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries,

CodeName	Name	Definition
		authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

3.4.2.5.6.2.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

3.4.2.5.6.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

3.4.2.5.6.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRIT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

3.4.2.5.6.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

3.4.2.5.6.2.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

3.4.2.5.6.2.8 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2414

3.4.2.5.6.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.10 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.5.6.2.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		735
	TransactionIdentification <TxId>	[1..1]	±		735
	POIIdentification <POIID>	[1..1]	±		735
	CurrencyConversion <CcyConvs>	[0..1]			735
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <Dclrtndtls>	[0..*]	±		744

3.4.2.5.6.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.11.2 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.5.6.2.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

3.4.2.5.6.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		738
	ResultReason <RsltRsn>	[0..1]	Text		738
	ConversionDetails <ConvsDtls>	[0..*]			738
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkupDetails <MrkUpDtls>	[0..*]			744

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <DclrtnDtls>	[0..*]	±		744

3.4.2.5.6.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

3.4.2.5.6.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.11.4.3 ConversionDetails <ConvDsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		740
	TargetCurrency <TrgtCcy>	[1..1]			740
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740
	ResultingAmount <RsltAmt>	[0..1]	Amount		741
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		741
	QuotationDate <QtnDt>	[0..1]	DateTime		741
	ValidFrom <VldFr>	[0..1]	DateTime		741
	ValidUntil <VldUntil>	[0..1]	DateTime		741
	SourceCurrency <SrcCcy>	[1..1]			741
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742
	ApplicableBinRange <AplblBinRg>	[0..*]			742
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743
	OriginalAmount <OrgnlAmt>	[0..1]			743
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743
	CommissionDetails <ComssnDtls>	[0..*]			744
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	MarkUpDetails <MrkUpDtls>	[0..*]			744
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744
	DeclarationDetails <DclrtDtls>	[0..*]	±		744

3.4.2.5.6.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.11.4.3.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	740
	NumericCode <NmrcCd>	[1..1]	Text		740
	Decimal <Dcml>	[1..1]	Quantity		740
	Name <Nm>	[0..1]	Text		740

3.4.2.5.6.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.5.6.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.5.6.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

3.4.2.5.6.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.11.4.3.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.11.4.3.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	742
	NumericCode <NmrcCd>	[0..1]	Text		742
	Decimal <Dcml>	[0..1]	Quantity		742
	Name <Nm>	[0..1]	Text		742

3.4.2.5.6.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.5.6.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.5.6.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

3.4.2.5.6.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.11.4.3.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		743
	HigherBin <HghrBin>	[1..1]	Text		743

3.4.2.5.6.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.5.6.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.5.6.2.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		743
	MinimumAmount <MinAmt>	[0..1]	Amount		743
	MaximumAmount <MaxAmt>	[0..1]	Amount		743

3.4.2.5.6.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744

3.4.2.5.6.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

3.4.2.5.6.2.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		744
	AdditionalInformation <AddtlInf>	[0..1]	Text		744

3.4.2.5.6.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

3.4.2.5.6.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBracd>	[0..1]			2108
	BarcodeType <BracdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BracdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

3.4.2.5.6.2.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

3.4.2.5.6.2.14 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

3.4.2.5.6.2.15 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

3.4.2.5.6.2.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	749
	TotalAmount <TtlAmt>	[1..1]	Amount		749
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		749
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		749
	DetailedAmount <DtldAmt>	[0..1]	±		749
	RequestedAmount <ReqdAmt>	[0..1]	Amount		750
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		750
	InvoiceAmount <InvcAmt>	[0..1]	Amount		750
	ValidityDate <VldtyDt>	[0..1]	Date		750
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		750
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		751
	AccountType <AcctTp>	[0..1]	CodeSet		751
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			752
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <Dclrtndtls>	[0..*]	±		760
	Instalment <Instlmt>	[0..*]	±		761
	Recurring <Rcrng>	[0..1]	±		762
	AggregationTransaction <Aggtntx>	[0..1]	±		763
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		763
	SaleItem <Saleitm>	[0..*]	±		763
	DeliveryLocation <DlvryLctn>	[0..1]	Text		764
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		764
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		764
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		764
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		765
	AdditionalInformation <AddtlInf>	[0..*]			765
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrctcdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		766

3.4.2.5.6.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.5.6.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

3.4.2.5.6.2.16.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

3.4.2.5.6.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

3.4.2.5.6.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

3.4.2.5.6.2.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

3.4.2.5.6.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

3.4.2.5.6.2.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		754
	Conversion <Convs>	[0..1]			754
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <DclrtnDtls>	[0..*]	±		760

3.4.2.5.6.2.16.13.1 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 2406):

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

3.4.2.5.6.2.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		756
	TargetCurrency <TrgtCcy>	[1..1]			756
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756
	ResultingAmount <RsltAmt>	[0..1]	Amount		757
	ExchangeRate <XchgRate>	[1..1]	Rate		757
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		757
	QuotationDate <QtnDt>	[0..1]	DateTime		757
	ValidFrom <VldFr>	[0..1]	DateTime		757
	ValidUntil <VldUntil>	[0..1]	DateTime		757
	SourceCurrency <SrcCcy>	[1..1]			757
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758
	ApplicableBinRange <AplblBinRg>	[0..*]			758
	LowerBin <LwrBin>	[1..1]	Text		759
	HigherBin <HghrBin>	[1..1]	Text		759
	OriginalAmount <OrgnlAmt>	[0..1]			759
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759
	CommissionDetails <ComssnDtls>	[0..*]			760
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	MarkUpDetails <MrkUpDtls>	[0..*]			760
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760
	DeclarationDetails <DclrtDtls>	[0..*]	±		760

3.4.2.5.6.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.16.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	756
	NumericCode <NmrcCd>	[1..1]	Text		756
	Decimal <Dcml>	[1..1]	Quantity		756
	Name <Nm>	[0..1]	Text		756

3.4.2.5.6.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.5.6.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.5.6.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

3.4.2.5.6.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.16.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

3.4.2.5.6.2.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	758
	NumericCode <NmrcCd>	[0..1]	Text		758
	Decimal <Dcml>	[0..1]	Quantity		758
	Name <Nm>	[0..1]	Text		758

3.4.2.5.6.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.5.6.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.5.6.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

3.4.2.5.6.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.16.13.2.10 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		759
	HigherBin <HghrBin>	[1..1]	Text		759

3.4.2.5.6.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.5.6.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.5.6.2.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		759
	MinimumAmount <MinAmt>	[0..1]	Amount		759
	MaximumAmount <MaxAmt>	[0..1]	Amount		759

3.4.2.5.6.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760

3.4.2.5.6.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

3.4.2.5.6.2.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		760
	AdditionalInformation <AddtlInf>	[0..1]	Text		760

3.4.2.5.6.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

3.4.2.5.6.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

3.4.2.5.6.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <Dclrtndtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBracd>	[0..1]			2108
	BarcodeType <BracdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BracdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

3.4.2.5.6.2.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

3.4.2.5.6.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

3.4.2.5.6.2.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

3.4.2.5.6.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

3.4.2.5.6.2.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

3.4.2.5.6.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

3.4.2.5.6.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

3.4.2.5.6.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

3.4.2.5.6.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.6.2.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		765
	Value <Val>	[0..1]	Binary		765
	ProtectedValue <PrctcdVal>	[0..1]	±		765
	Type <Tp>	[0..1]	Text		766

3.4.2.5.6.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

3.4.2.5.6.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

3.4.2.5.6.2.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.5.6.2.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

3.4.2.5.6.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2332

3.4.2.5.6.2.17 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		766
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			767
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768
	AuthorisationCode <AuthstnCd>	[0..1]	Text		768

3.4.2.5.6.2.17.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "GenericIdentification90" on page 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

3.4.2.5.6.2.17.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		767
	ResponseReason <RspnRsn>	[0..1]	Text		767
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		768

3.4.2.5.6.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

3.4.2.5.6.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

3.4.2.5.6.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

3.4.2.5.6.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

3.4.2.5.6.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

3.4.2.5.6.2.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

3.4.2.5.6.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

3.4.2.5.6.2.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

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

3.4.2.5.6.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "[Max35Text](#)" on page 2411

3.4.2.5.6.2.23 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 2411

3.4.2.5.6.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

3.4.2.5.6.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

3.4.2.5.6.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

3.4.2.5.6.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

3.4.2.5.6.3 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

3.4.2.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.5.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

3.4.2.6 BalanceInquiryResponse <BalNqryRspn>

Presence: [0..1]

Definition: Response data to a balance inquiry service request.

BalanceInquiryResponse <BalNqryRspn> contains the following **BalanceInquiryResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		772
	POITransactionIdentification <POITxld>	[0..1]	±		772
	PaymentAccount <PmtAcct>	[0..1]			773
	Currency <Ccy>	[0..1]	CodeSet	C1	773
	CurrentBalance <CurBal>	[0..1]	Amount		773
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		773
	LoyaltyAccount <LltyAcct>	[0..1]	±		774
	StoredValueAccount <StordValAcct>	[0..*]			774
	AccountType <AcctTp>	[0..1]	CodeSet		775
	IdentificationType <ldTp>	[0..1]	CodeSet		776
	Identification <ld>	[0..1]	Text		776
	Brand <Brnd>	[0..1]	Text		776
	Provider <Prvdr>	[0..1]	Text		776
	OwnerName <OwnrNm>	[0..1]	Text		776
	ExpiryDate <XpryDt>	[0..1]	Text		777
	EntryMode <NtryMd>	[0..1]	CodeSet		777
	Currency <Ccy>	[0..1]	CodeSet	C1	777
	Balance <Bal>	[0..1]	Amount		778
	Receipt <Rct>	[0..*]	±		778

3.4.2.6.1 SaleTransactionIdentification <SaleTxld>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxld> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.6.2 POITransactionIdentification <POITxld>

Presence: [0..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxld> contains the following elements (see ["TransactionIdentifier1"](#) on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.6.3 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	773
	CurrentBalance <CurBal>	[0..1]	Amount		773
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		773

3.4.2.6.3.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Payment Account.

Impacted by: C1 ["ActiveCurrency"](#)

Datatype: ["ActiveCurrencyCode"](#) on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.6.3.2 CurrentBalance <CurBal>

Presence: [0..1]

Definition: Balance of a Payment Account

Datatype: ["ImpliedCurrencyAndAmount"](#) on page 2332

3.4.2.6.3.3 PaymentAcquirerData <PmtAcqrrData>

Presence: [0..1]

Definition: Detail of Acquirer.

PaymentAcquirerData <PmtAcqrrData> contains the following elements (see "[Acquirer10](#)" on [page 1908](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1908
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1909

3.4.2.6.4 LoyaltyAccount <LltyAcct>

Presence: [0..1]

Definition: Loyalty account information.

LoyaltyAccount <LltyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on [page 2097](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

3.4.2.6.5 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		775
	IdentificationType <IdTp>	[0..1]	CodeSet		776
	Identification <Id>	[0..1]	Text		776
	Brand <Brnd>	[0..1]	Text		776
	Provider <Prvdr>	[0..1]	Text		776
	OwnerName <OwnrNm>	[0..1]	Text		776
	ExpiryDate <XpryDt>	[0..1]	Text		777
	EntryMode <NtryMd>	[0..1]	CodeSet		777
	Currency <Ccy>	[0..1]	CodeSet	C1	777
	Balance <Bal>	[0..1]	Amount		778

3.4.2.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

3.4.2.6.5.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

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.

3.4.2.6.5.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

3.4.2.6.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

3.4.2.6.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

3.4.2.6.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

3.4.2.6.5.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

3.4.2.6.5.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

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.)

3.4.2.6.5.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

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

3.4.2.6.5.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.6.6 Receipt <Rct>

Presence: [0..*]

Definition: Receipt to print after a balance inquiry.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

3.4.2.7 LoyaltyResponse <LltyRspn>

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 <SaleTxld>	[1..1]	±		779
	POITransactionIdentification <POITxld>	[1..1]	±		779
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		780
	Result <Rslt>	[0..*]			780
	Account <Acct>	[1..1]	±		781
	Amount <Amt>	[0..1]			781
	Unit <Unit>	[0..1]	CodeSet		781
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	Amount <Amt>	[1..1]	Amount		782
	ServerData <SvrData>	[0..1]			782
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		782
	ApprovalCode <ApprvlCd>	[0..1]	Text		782
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		782
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		783
	Rebates <Rbts>	[0..1]			783
	TotalRebate <TtlRbt>	[0..1]	Amount		783
	RebateLabel <RbtLabl>	[0..1]	Text		783
	SaleItemRebate <SaleitmRbt>	[0..*]			783
	SaleItem <Saleitm>	[1..1]	±		784
	RebateLabel <RbtLabl>	[0..1]	Text		784

3.4.2.7.1 SaleTransactionIdentification <SaleTxld>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxld> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.7.2 POITransactionIdentification <POITxld>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.7.3 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.7.4 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]	±		781
	Amount <Amt>	[0..1]			781
	Unit <Unit>	[0..1]	CodeSet		781
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	Amount <Amt>	[1..1]	Amount		782
	ServerData <SvrData>	[0..1]			782
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		782
	ApprovalCode <ApprvlCd>	[0..1]	Text		782
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		782
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		783
	Rebates <Rbts>	[0..1]			783
	TotalRebate <TtlRbt>	[0..1]	Amount		783
	RebateLabel <RbtLbl>	[0..1]	Text		783
	SaleItemRebate <SaleItmRbt>	[0..*]			783
	SaleItem <SaleItm>	[1..1]	±		784
	RebateLabel <RbtLbl>	[0..1]	Text		784

3.4.2.7.4.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Lltyld>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <ldTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

3.4.2.7.4.2 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		781
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	Amount <Amt>	[1..1]	Amount		782

3.4.2.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

3.4.2.7.4.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.7.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.7.4.3 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 <LltySvrId>	[0..1]	Text		782
	ApprovalCode <ApprvICd>	[0..1]	Text		782
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		782
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		783

3.4.2.7.4.3.1 LoyaltyServerIdentification <LltySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

3.4.2.7.4.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

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

Datatype: "Min6Max8Text" on page 2414

3.4.2.7.4.3.3 LoyaltyTransactionIdentification <LltyTxId>

Presence: [0..1]

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

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see
"TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.7.4.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

3.4.2.7.4.4 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		783
	RebateLabel <RbtLbl>	[0..1]	Text		783
	SaleItemRebate <SaleItmRbt>	[0..*]			783
	SaleItem <SaleItm>	[1..1]	±		784
	RebateLabel <RbtLbl>	[0..1]	Text		784

3.4.2.7.4.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.7.4.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.7.4.4.3 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]	±		784
	RebateLabel <RbtLbl>	[0..1]	Text		784

3.4.2.7.4.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

3.4.2.7.4.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		790
	POITransactionIdentification <POITxId>	[1..1]	±		790
	Result <RsIt>	[0..*]			790
	Provider <Prvdr>	[0..1]	Text		795
	TransactionType <TxTp>	[1..1]	CodeSet		796
	AccountIdentification <AcctId>	[0..1]			796
	AccountType <AcctTp>	[0..1]	CodeSet		796
	IdentificationType <IdTp>	[0..1]	CodeSet		797
	Identification <Id>	[0..1]	Text		798
	Brand <Brnd>	[0..1]	Text		798
	Provider <Prvdr>	[0..1]	Text		798
	OwnerName <OwnrNm>	[0..1]	Text		798
	ExpiryDate <XpryDt>	[0..1]	Text		798
	EntryMode <NtryMd>	[0..1]	CodeSet		798
	Currency <Ccy>	[0..1]	CodeSet	C1	799
	Balance <Bal>	[0..1]	Amount		799
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			799
	TransactionCapture <TxCaptr>	[0..1]	Indicator		804
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		804
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		805
	TransactionType <TxTp>	[1..1]	CodeSet		805
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		806
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		807
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		807
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		807
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		808
	TransactionIdentification <TxId>	[1..1]	±		808
	OriginalTransaction <OrgnlTx>	[0..1]			808
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		810
	TransactionIdentification <TxId>	[1..1]	±		810
	POIIdentification <POIId>	[1..1]	±		810

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtIs>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <DclrtnDtIs>	[0..*]	±		819
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		820
	IssuerReferenceData <IssrRefData>	[0..1]	Text		820
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		820
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		820
	TransactionDetails <TxDtIs>	[1..1]			821
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvAmt>	[0..1]	Amount		825
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtnDtls>	[0..*]	±		835
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <AggtnTx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		839

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840
	AdditionalInformation <AddtlInf>	[0..*]			840
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrtctdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841
	AuthorisationResult <AuthstnRslt>	[0..1]			841
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		843
	CustomerOrder <CstmrOrd>	[0..1]	±		843
	CustomerToken <CstmrTkn>	[0..1]	±		843
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		844
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		844
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		844
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		844
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		845
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		845
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		845
	ProductCode <PdctCd>	[0..1]	Text		845
	EANUPC <EANUPC>	[0..1]	Text		845
	ItemAmount <ItmAmt>	[0..1]	Amount		845
	Currency <Ccy>	[0..1]	CodeSet	C1	845
	HostTransactionIdentification <HstTxId>	[0..1]	±		846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Receipt <Rct>	[0..*]	±		846

3.4.2.8.1 SaleTransactionIdentification <SaleTxld>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxld> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.8.2 POITransactionIdentification <POITxld>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxld> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.8.3 Result <RsIt>

Presence: [0..*]

Definition: Result of loading/reloading a stored value card.

Result <Rslt> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		795
	TransactionType <TxTp>	[1..1]	CodeSet		796
	AccountIdentification <AcctId>	[0..1]			796
	AccountType <AcctTp>	[0..1]	CodeSet		796
	IdentificationType <IdTp>	[0..1]	CodeSet		797
	Identification <Id>	[0..1]	Text		798
	Brand <Brnd>	[0..1]	Text		798
	Provider <Prvdr>	[0..1]	Text		798
	OwnerName <OwnrNm>	[0..1]	Text		798
	ExpiryDate <XpryDt>	[0..1]	Text		798
	EntryMode <NtryMd>	[0..1]	CodeSet		798
	Currency <Ccy>	[0..1]	CodeSet	C1	799
	Balance <Bal>	[0..1]	Amount		799
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			799
	TransactionCapture <TxCaptr>	[0..1]	Indicator		804
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		804
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		805
	TransactionType <TxTp>	[1..1]	CodeSet		805
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		806
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		807
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		807
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		807
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		808
	TransactionIdentification <TxId>	[1..1]	±		808
	OriginalTransaction <OrgnlTx>	[0..1]			808
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		810
	TransactionIdentification <TxId>	[1..1]	±		810
	POIIdentification <POIId>	[1..1]	±		810
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <Dclrtndtls>	[0..*]	±		819
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		820
	IssuerReferenceData <IssrRefData>	[0..1]	Text		820
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		820
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		820
	TransactionDetails <TxDtls>	[1..1]			821
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvAmt>	[0..1]	Amount		825
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <Dclrtndtls>	[0..*]	±		835
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <AggtnTx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		839
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			840
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841
	AuthorisationResult <AuthstnRslt>	[0..1]			841
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		843
	CustomerOrder <CstmrOrd>	[0..1]	±		843
	CustomerToken <CstmrTkn>	[0..1]	±		843
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		844
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		844
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		844
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		844
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		845
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		845
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		845
	ProductCode <PdctCd>	[0..1]	Text		845
	EANUPC <EANUPC>	[0..1]	Text		845
	ItemAmount <ItmAmt>	[0..1]	Amount		845
	Currency <Ccy>	[0..1]	CodeSet	C1	845
	HostTransactionIdentification <HstTxId>	[0..1]	±		846

3.4.2.8.3.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.2 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 2396

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.

3.4.2.8.3.3 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		796
	IdentificationType <IdTp>	[0..1]	CodeSet		797
	Identification <Id>	[0..1]	Text		798
	Brand <Brnd>	[0..1]	Text		798
	Provider <Prvdr>	[0..1]	Text		798
	OwnerName <OwnrNm>	[0..1]	Text		798
	ExpiryDate <XpryDt>	[0..1]	Text		798
	EntryMode <NtryMd>	[0..1]	CodeSet		798
	Currency <Ccy>	[0..1]	CodeSet	C1	799
	Balance <Bal>	[0..1]	Amount		799

3.4.2.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

3.4.2.8.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

3.4.2.8.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

3.4.2.8.3.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

3.4.2.8.3.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

3.4.2.8.3.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		804
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		804
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		805
	TransactionType <TxTp>	[1..1]	CodeSet		805
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		806
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		807
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		807
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		807
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		808
	TransactionIdentification <Txld>	[1..1]	±		808
	OriginalTransaction <OrgnlTx>	[0..1]			808
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		810
	TransactionIdentification <Txld>	[1..1]	±		810
	POIIdentification <POIld>	[1..1]	±		810
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <DclrtnDtls>	[0..*]	±		819
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		820
	IssuerReferenceData <IssrRefData>	[0..1]	Text		820
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		820
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		820
	TransactionDetails <TxDtls>	[1..1]			821
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvcAmt>	[0..1]	Amount		825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtnDtls>	[0..*]	±		835
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <AggtnTx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		839
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840
	AdditionalInformation <AddtlInf>	[0..*]			840
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctcdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841
	AuthorisationResult <AuthstnRslt>	[0..1]			841
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		843

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		843
	CustomerToken <CstmrTkn>	[0..1]	±		843
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		844
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		844
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		844
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		844
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		845
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		845
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		845

3.4.2.8.3.4.1 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 2406):

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

3.4.2.8.3.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

3.4.2.8.3.4.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

3.4.2.8.3.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

3.4.2.8.3.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRIT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

3.4.2.8.3.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

3.4.2.8.3.4.7 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 2406):

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

3.4.2.8.3.4.8 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 2414

3.4.2.8.3.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.8.3.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		810
	TransactionIdentification <TxId>	[1..1]	±		810
	POIIdentification <POIId>	[1..1]	±		810
	CurrencyConversion <CcyConvs>	[0..1]			810
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <Dclrtndtls>	[0..*]	±		819

3.4.2.8.3.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.8.3.4.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

3.4.2.8.3.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		813
	ResultReason <RsltRsn>	[0..1]	Text		813
	ConversionDetails <ConvsDtls>	[0..*]			813
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkupDetails <MrkUpDtls>	[0..*]			819

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <DclrtnDtls>	[0..*]	±		819

3.4.2.8.3.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

3.4.2.8.3.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.11.4.3 ConversionDetails <ConvDsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		815
	TargetCurrency <TrgtCcy>	[1..1]			815
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815
	ResultingAmount <RsltAmt>	[0..1]	Amount		816
	ExchangeRate <XchgRate>	[1..1]	Rate		816
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		816
	QuotationDate <QtnDt>	[0..1]	DateTime		816
	ValidFrom <VldFr>	[0..1]	DateTime		816
	ValidUntil <VldUntil>	[0..1]	DateTime		816
	SourceCurrency <SrcCcy>	[1..1]			816
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817
	ApplicableBinRange <AplblBinRg>	[0..*]			817
	LowerBin <LwrBin>	[1..1]	Text		818
	HigherBin <HghrBin>	[1..1]	Text		818
	OriginalAmount <OrgnlAmt>	[0..1]			818
	ActualAmount <ActlAmt>	[0..1]	Amount		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818
	CommissionDetails <ComssnDtls>	[0..*]			819
	Amount <Amt>	[1..1]	Amount		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	MarkUpDetails <MrkUpDtls>	[0..*]			819
	Rate <Rate>	[1..1]	Rate		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819
	DeclarationDetails <DclrtDtls>	[0..*]	±		819

3.4.2.8.3.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.11.4.3.2 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	815
	NumericCode <NmrcCd>	[1..1]	Text		815
	Decimal <Dcml>	[1..1]	Quantity		815
	Name <Nm>	[0..1]	Text		815

3.4.2.8.3.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.8.3.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

3.4.2.8.3.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.11.4.3.4 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 2407

3.4.2.8.3.4.11.4.3.5 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 2407

3.4.2.8.3.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.11.4.3.9 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	817
	NumericCode <NmrcCd>	[0..1]	Text		817
	Decimal <Dcml>	[0..1]	Quantity		817
	Name <Nm>	[0..1]	Text		817

3.4.2.8.3.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.8.3.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

3.4.2.8.3.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.11.4.3.10 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		818
	HigherBin <HghrBin>	[1..1]	Text		818

3.4.2.8.3.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.8.3.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.8.3.4.11.4.3.11 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		818
	MinimumAmount <MinAmt>	[0..1]	Amount		818
	MaximumAmount <MaxAmt>	[0..1]	Amount		818

3.4.2.8.3.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.11.4.3.12 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		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819

3.4.2.8.3.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

3.4.2.8.3.4.11.4.3.13 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		819
	AdditionalInformation <AddtlInf>	[0..1]	Text		819

3.4.2.8.3.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

3.4.2.8.3.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

3.4.2.8.3.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrnd>	[0..1]			2108
	BarcodeType <BrndTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrndVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

3.4.2.8.3.4.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

3.4.2.8.3.4.14 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 2409

3.4.2.8.3.4.15 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 2409

3.4.2.8.3.4.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	824
	TotalAmount <TtlAmt>	[1..1]	Amount		824
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		824
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		824
	DetailedAmount <DtldAmt>	[0..1]	±		824
	RequestedAmount <ReqdAmt>	[0..1]	Amount		825
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		825
	InvoiceAmount <InvcAmt>	[0..1]	Amount		825
	ValidityDate <VldtyDt>	[0..1]	Date		825
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		825
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		826
	AccountType <AcctTp>	[0..1]	CodeSet		826
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			827
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <Dclrtndtls>	[0..*]	±		835
	Instalment <Instlmt>	[0..*]	±		836
	Recurring <Rcrng>	[0..1]	±		837
	AggregationTransaction <Aggtntx>	[0..1]	±		838
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		838
	SaleItem <Saleitm>	[0..*]	±		838
	DeliveryLocation <DlvryLctn>	[0..1]	Text		839
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		839
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		839
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		839
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		840
	AdditionalInformation <AddtlInf>	[0..*]			840
	Identification <Id>	[1..1]	Text		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctcdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		841

3.4.2.8.3.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

3.4.2.8.3.4.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

3.4.2.8.3.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

3.4.2.8.3.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

3.4.2.8.3.4.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2411

3.4.2.8.3.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

3.4.2.8.3.4.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		829
	Conversion <Convs>	[0..1]			829
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtnDtls>	[0..*]	±		835

3.4.2.8.3.4.16.13.1 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 2406):

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

3.4.2.8.3.4.16.13.2 Conversion <Convs>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		831
	TargetCurrency <TrgtCcy>	[1..1]			831
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831
	ResultingAmount <RsltAmt>	[0..1]	Amount		832
	ExchangeRate <XchgRate>	[1..1]	Rate		832
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		832
	QuotationDate <QtnDt>	[0..1]	DateTime		832
	ValidFrom <VldFr>	[0..1]	DateTime		832
	ValidUntil <VldUntil>	[0..1]	DateTime		832
	SourceCurrency <SrcCcy>	[1..1]			832
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833
	ApplicableBinRange <AplblBinRg>	[0..*]			833
	LowerBin <LwrBin>	[1..1]	Text		834
	HigherBin <HghrBin>	[1..1]	Text		834
	OriginalAmount <OrgnlAmt>	[0..1]			834
	ActualAmount <ActlAmt>	[0..1]	Amount		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834
	CommissionDetails <ComssnDtls>	[0..*]			835
	Amount <Amt>	[1..1]	Amount		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	MarkUpDetails <MrkUpDtls>	[0..*]			835
	Rate <Rate>	[1..1]	Rate		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835
	DeclarationDetails <DclrtDtls>	[0..*]	±		835

3.4.2.8.3.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.16.13.2.2 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	831
	NumericCode <NmrcCd>	[1..1]	Text		831
	Decimal <Dcml>	[1..1]	Quantity		831
	Name <Nm>	[0..1]	Text		831

3.4.2.8.3.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.8.3.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2406

3.4.2.8.3.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.13.2.4 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 2407

3.4.2.8.3.4.16.13.2.5 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 2407

3.4.2.8.3.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

3.4.2.8.3.4.16.13.2.9 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	833
	NumericCode <NmrcCd>	[0..1]	Text		833
	Decimal <Dcml>	[0..1]	Quantity		833
	Name <Nm>	[0..1]	Text		833

3.4.2.8.3.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

3.4.2.8.3.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2407

3.4.2.8.3.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2406

3.4.2.8.3.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.16.13.2.10 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		834
	HigherBin <HghrBin>	[1..1]	Text		834

3.4.2.8.3.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.8.3.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

3.4.2.8.3.4.16.13.2.11 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		834
	MinimumAmount <MinAmt>	[0..1]	Amount		834
	MaximumAmount <MaxAmt>	[0..1]	Amount		834

3.4.2.8.3.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.13.2.12 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		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835

3.4.2.8.3.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

3.4.2.8.3.4.16.13.2.13 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		835
	AdditionalInformation <AddtlInf>	[0..1]	Text		835

3.4.2.8.3.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

3.4.2.8.3.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

3.4.2.8.3.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBracd>	[0..1]			2108
	BarcodeType <BracdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BracdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

3.4.2.8.3.4.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

3.4.2.8.3.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

3.4.2.8.3.4.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

3.4.2.8.3.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

3.4.2.8.3.4.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

3.4.2.8.3.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.16.20 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 2406

3.4.2.8.3.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

3.4.2.8.3.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

3.4.2.8.3.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.4.16.24 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		840
	Value <Val>	[0..1]	Binary		840
	ProtectedValue <PrctcdVal>	[0..1]	±		840
	Type <Tp>	[0..1]	Text		841

3.4.2.8.3.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

3.4.2.8.3.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

3.4.2.8.3.4.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

3.4.2.8.3.4.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

3.4.2.8.3.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2332

3.4.2.8.3.4.17 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]	±		841
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			842
	Response <Rspn>	[1..1]	CodeSet		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843
	AuthorisationCode <AuthstnCd>	[0..1]	Text		843

3.4.2.8.3.4.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

3.4.2.8.3.4.17.2 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		842
	ResponseReason <RspnRsn>	[0..1]	Text		842
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		843

3.4.2.8.3.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

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).

3.4.2.8.3.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

3.4.2.8.3.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

3.4.2.8.3.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2413

3.4.2.8.3.4.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

3.4.2.8.3.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

3.4.2.8.3.4.21 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 2406):

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

3.4.2.8.3.4.22 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 2411

3.4.2.8.3.4.23 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 2411

3.4.2.8.3.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

3.4.2.8.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

3.4.2.8.3.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

3.4.2.8.3.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

3.4.2.8.3.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2411

3.4.2.8.3.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2411

3.4.2.8.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.8.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

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

3.4.2.8.3.9 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

3.4.2.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		847
	POIBatchIdentification <POIBtchId>	[0..1]	±		848
	PerformedTransaction <PrfrmdTx>	[0..*]			848
	Response <Rspn>	[1..1]	±		849
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		850
	POITransactionIdentification <POITxId>	[0..1]	±		850
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		850
	PaymentResult <PmtRslt>	[0..1]	±		850
	LoyaltyResult <LtyRslt>	[0..*]			857
	Account <Acct>	[1..1]	±		858
	Amount <Amt>	[0..1]			859
	Unit <Unit>	[0..1]	CodeSet		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860
	ServerData <SvrData>	[0..1]			860
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		860
	ApprovalCode <ApprvlCd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		861
	Rebates <Rbts>	[0..1]			861
	TotalRebate <TtlRbt>	[0..1]	Amount		861
	RebateLabel <RbtLbl>	[0..1]	Text		861
	SaleItemRebate <SaleItmRbt>	[0..*]			861
	SaleItem <SaleItm>	[1..1]	±		862
	RebateLabel <RbtLbl>	[0..1]	Text		862
	ReversedAmount <RvsdAmt>	[0..1]	Amount		862

3.4.2.9.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.9.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		849
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		850
	POITransactionIdentification <POITxId>	[0..1]	±		850
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		850
	PaymentResult <PmtRslt>	[0..1]	±		850
	LoyaltyResult <LltyRslt>	[0..*]			857
	Account <Acct>	[1..1]	±		858
	Amount <Amt>	[0..1]			859
	Unit <Unit>	[0..1]	CodeSet		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860
	ServerData <SvrData>	[0..1]			860
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		860
	ApprovalCode <ApprvlCd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		861
	Rebates <Rbts>	[0..1]			861
	TotalRebate <TtlRbt>	[0..1]	Amount		861
	RebateLabel <RbtLabl>	[0..1]	Text		861
	SaleItemRebate <SaleitmRbt>	[0..*]			861
	SaleItem <Saleitm>	[1..1]	±		862
	RebateLabel <RbtLabl>	[0..1]	Text		862
	ReversedAmount <RvsdAmt>	[0..1]	Amount		862

3.4.2.9.3.1 Response <Rspn>

Presence: [1..1]

Definition: Response for this performed transaction.

Response <Rspn> contains the following elements (see ["ResponseType11" on page 2110](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

3.4.2.9.3.2 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Unique identification of a sale transaction.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1" on page 2125](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.9.3.3 POITransactionIdentification <POITxId>

Presence: [0..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1" on page 2125](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text" on page 2411](#)

3.4.2.9.3.5 PaymentResult <PmtRslt>

Presence: [0..1]

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

PaymentResult <PmtRslt> contains the following elements (see "RetailerPaymentResult7" on page 2133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTxx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2152
	TransactionIdentification <TxId>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrdr>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrd>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

3.4.2.9.3.6 LoyaltyResult <LltyRslt>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		858
	Amount <Amt>	[0..1]			859
	Unit <Unit>	[0..1]	CodeSet		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860
	ServerData <SvrData>	[0..1]			860
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		860
	ApprovalCode <ApprvICd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		861
	Rebates <Rbts>	[0..1]			861
	TotalRebate <TtlRbt>	[0..1]	Amount		861
	RebateLabel <RbtLbl>	[0..1]	Text		861
	SaleItemRebate <SaleItmRbt>	[0..*]			861
	SaleItem <SaleItm>	[1..1]	±		862
	RebateLabel <RbtLbl>	[0..1]	Text		862

3.4.2.9.3.6.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

3.4.2.9.3.6.2 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		859
	Currency <Ccy>	[0..1]	CodeSet	C1	859
	Amount <Amt>	[1..1]	Amount		860

3.4.2.9.3.6.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

3.4.2.9.3.6.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

• ActiveCurrency

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

3.4.2.9.3.6.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.9.3.6.3 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		860
	ApprovalCode <ApprvICd>	[0..1]	Text		860
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		860
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		861

3.4.2.9.3.6.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

3.4.2.9.3.6.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

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

Datatype: "Min6Max8Text" on page 2414

3.4.2.9.3.6.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

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

LoyaltyTransactionIdentification <LtyTxld> contains the following elements (see
"TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.9.3.6.3.4 HostReconciliationIdentification <HstRcncltnld>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

3.4.2.9.3.6.4 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		861
	RebateLabel <RbtLbl>	[0..1]	Text		861
	SaleItemRebate <SaleitmRbt>	[0..*]			861
	SaleItem <Saleitm>	[1..1]	±		862
	RebateLabel <RbtLbl>	[0..1]	Text		862

3.4.2.9.3.6.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.9.3.6.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.9.3.6.4.3 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]	±		862
	RebateLabel <RbtLbl>	[0..1]	Text		862

3.4.2.9.3.6.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

3.4.2.9.3.6.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

3.4.2.9.3.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount of the payment or loyalty to reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

3.4.2.10 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]	±		863
	POITransactionIdentification <POITxId>	[1..1]	±		863
	PaymentBrand <PmtBrnd>	[0..*]	Text		863
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	864
	LoyaltyAccount <LtyAcct>	[0..*]	±		864
	CustomerOrder <CstmrOrd>	[0..*]	±		864

3.4.2.10.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.10.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

3.4.2.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: "Max35Text" on page 2411

3.4.2.10.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

3.4.2.10.5 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LltyAcct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

3.4.2.10.6 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 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

3.4.2.11 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType1" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

3.4.2.12 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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 or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on [page 2300](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

4 casp.003.001.07 SaleToPOIRconciliationRequestV07

4.1 MessageDefinition Functionality

The SaleToPOIRconciliationRequest message is sent by a sale system to request for reconciliation between sale and POI systems.

Outline

The SaleToPOIRconciliationRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. ReconciliationRequest
 - Information related to the reconciliation request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

4.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIRcncltnReq>	[1..1]			
	Header <Hdr>	[1..1]			871
	MessageFunction <MsgFctn>	[1..1]	CodeSet		872
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		872
	ExchangeIdentification <XchgId>	[1..1]	Text		873
	CreationDateTime <CreDtTm>	[1..1]	DateTime		873
	InitiatingParty <InitgPty>	[1..1]	±		873
	RecipientParty <RcptPty>	[0..1]	±		873
	Traceability <Tracblt>	[0..*]	±		874
	ReconciliationRequest <RcncltnReq>	[1..1]			874
	Environment <Envt>	[1..1]	±	C8	877
	Context <Cntxt>	[1..1]		C9	883
	PaymentContext <PmtCntxt>	[0..1]			886
	CardPresent <CardPres>	[0..1]	Indicator		886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		887
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		887
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		887
	BusinessArea <BizArea>	[0..1]	CodeSet		888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		889
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		889
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		890
	SaleContext <SaleCntxt>	[0..1]			890
	SaleIdentification <SaleId>	[0..1]	Text		891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		892
	CashierIdentification <CshrlId>	[0..1]	Text		892

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	892
	ShiftNumber <ShftNb>	[0..1]	Text		892
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		892
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		892
	InvoiceNumber <InvcNb>	[0..1]	Text		892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			893
	CommonName <CmonNm>	[1..1]	Text		893
	Address <Adr>	[0..1]	Text		893
	CountryCode <CtryCd>	[1..1]	CodeSet		893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		893
	RegisteredIdentifier <Regldr>	[1..1]	Text		893
	SplitPayment <Spltpmt>	[0..1]	Indicator		894
	RemainingAmount <RmngAmt>	[0..1]	Amount		894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		896
	SystemToNotify <SysToNtfy>	[0..1]	Text		896
	Debtor <Dbtr>	[0..1]	±		897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			900
	Debtor <Dbtr>	[0..1]	±		901

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		903
	Creditor <Cdtr>	[0..1]	±		903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			905
	MandateIdentification <MndtId>	[1..1]	Text		906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		906
	MandateImage <MndtImg>	[0..1]	Binary		906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		906
	ReconciliationRequestData <RcncltnReqData>	[1..1]			906
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		907
	AcquirerIdentification <Acqrrld>	[0..1]	Text		907
	POIRconciliationIdentification <POIRcncltnId>	[0..1]	Text		907
	SupplementaryData <SplmtryData>	[0..*]	±	C11	907
	SecurityTrailer <SctyTrlr>	[0..1]	±		908

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 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.

4.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

4.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		872
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		872
	ExchangeIdentification <XchgId>	[1..1]	Text		873
	CreationDateTime <CreDtTm>	[1..1]	DateTime		873
	InitiatingParty <InitgPty>	[1..1]	±		873
	RecipientParty <RcptPty>	[0..1]	±		873
	Traceability <Tracblt>	[0..*]	±		874

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

4.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

4.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

4.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

4.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

4.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

4.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> contains the following **ReconciliationRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C8	877
	Context <Cntxt>	[1..1]		C9	883
	PaymentContext <PmtCntxt>	[0..1]			886
	CardPresent <CardPres>	[0..1]	Indicator		886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		887
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		887
	BusinessArea <BizArea>	[0..1]	CodeSet		888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		889
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		890
	SaleContext <SaleCntxt>	[0..1]			890
	SaleIdentification <SaleId>	[0..1]	Text		891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		892
	CashierIdentification <CshrId>	[0..1]	Text		892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	892
	ShiftNumber <ShftNb>	[0..1]	Text		892
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		892
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		892
	InvoiceNumber <InvNb>	[0..1]	Text		892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			893
	CommonName <CmonNm>	[1..1]	Text		893
	Address <Adr>	[0..1]	Text		893
	CountryCode <CtryCd>	[1..1]	CodeSet		893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		893
	SplitPayment <SpltPmt>	[0..1]	Indicator		894
	RemainingAmount <RmngAmt>	[0..1]	Amount		894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		896
	SystemToNotify <SysToNtfy>	[0..1]	Text		896
	Debtor <Dbtr>	[0..1]	±		897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			900
	Debtor <Dbtr>	[0..1]	±		901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		903
	Creditor <Cdtr>	[0..1]	±		903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			905
	MandateIdentification <MndtId>	[1..1]	Text		906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		906
	MandateImage <MndtImg>	[0..1]	Binary		906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		906
	ReconciliationRequestData <RcncltnReqData>	[1..1]			906

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		907
	AcquirerIdentification <Acqrrld>	[0..1]	Text		907
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		907
	SupplementaryData <SplmtryData>	[0..*]	±	C11	907

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScIyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

4.4.2.2 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]			886
	CardPresent <CardPres>	[0..1]	Indicator		886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		887
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		887
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		887
	BusinessArea <BizArea>	[0..1]	CodeSet		888
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		888
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		889
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		889
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		890
	SaleContext <SaleCntxt>	[0..1]			890
	SaleIdentification <SaleId>	[0..1]	Text		891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		892
	CashierIdentification <CshrId>	[0..1]	Text		892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	892
	ShiftNumber <ShftNb>	[0..1]	Text		892
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		892
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		892
	InvoiceNumber <InvNb>	[0..1]	Text		892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			893
	CommonName <CmonNm>	[1..1]	Text		893
	Address <Adr>	[0..1]	Text		893
	CountryCode <CtryCd>	[1..1]	CodeSet		893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		893
	RegisteredIdentifier <Regldr>	[1..1]	Text		893
	SplitPayment <SpltPmt>	[0..1]	Indicator		894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		896
	SystemToNotify <SysToNtfy>	[0..1]	Text		896
	Debtor <Dbtr>	[0..1]	±		897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			900
	Debtor <Dbtr>	[0..1]	±		901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		903
	Creditor <Cdtr>	[0..1]	±		903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			905
	MandateIdentification <Mndtld>	[1..1]	Text		906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		906
	MandateImage <Mndtlmg>	[0..1]	Binary		906
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		906

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		886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		887
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		887
	BusinessArea <BizArea>	[0..1]	CodeSet		888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		889
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		890

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 2406):

- *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 2406):

- *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 2406):

- *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 2346

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 2401

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 2400

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 2350

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 2406):

- *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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2352

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 <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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 2397

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		891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		892
	CashierIdentification <CshrId>	[0..1]	Text		892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	892
	ShiftNumber <ShftNb>	[0..1]	Text		892
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		892
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		892
	InvoiceNumber <InvcNb>	[0..1]	Text		892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			893
	CommonName <CmonNm>	[1..1]	Text		893
	Address <Adr>	[0..1]	Text		893
	CountryCode <CtryCd>	[1..1]	CodeSet		893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		893
	RegisteredIdentifier <Regdldr>	[1..1]	Text		893
	SplitPayment <Spltpmt>	[0..1]	Indicator		894
	RemainingAmount <RmngAmt>	[0..1]	Amount		894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		895

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 2411

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 2411

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 2411

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 2411

4.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2410

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 2406):

- *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 2411

4.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

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 2411

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		893
	Address <Adr>	[0..1]	Text		893
	CountryCode <CtryCd>	[1..1]	CodeSet		893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		893
	RegisteredIdentifier <Regldr>	[1..1]	Text		893

4.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

4.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

4.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

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 2414

4.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

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 2406):

- *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 2332

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 2406):

- *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 2406):

- *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 2352

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.)

4.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

4.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

4.4.2.2.3 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		896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		896
	SystemToNotify <SysToNtfy>	[0..1]	Text		896
	Debtor <Dbtr>	[0..1]	±		897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	898
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		898
	Creditor <Cdtr>	[0..1]	±		898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	899
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		900

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 2406):

- *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 2406):

- *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 2408

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

4.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

4.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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]	±		901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		903
	Creditor <Cdtr>	[0..1]	±		903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			905
	MandateIdentification <MndtId>	[1..1]	Text		906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		906
	MandateImage <MndtImg>	[0..1]	Binary		906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		906

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

4.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

4.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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		906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		906
	MandateImage <MndtImg>	[0..1]	Binary		906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		906

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 2411

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 2404

4.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

4.4.2.3 ReconciliationRequestData <RcncltnReqData>

Presence: [1..1]

Definition: Content of the Reconciliation Request message.

ReconciliationRequestData <RcncltnReqData> contains the following **ReconciliationRequestData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		907
	AcquirerIdentification <Acqrrld>	[0..1]	Text		907
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		907

4.4.2.3.1 ReconciliationType <RcncltnTp>

Presence: [1..1]

Definition: Type of Reconciliation requested by the Sale to the POI.

Datatype: "ReconciliationType1Code" on page 2383

CodeName	Name	Definition
AREC	AcquirerReconciliation	Reconciliation between the POI and one or several Acquirers only. There is no reconciliation between the Sale System and the POI System.
ASYN	AcquirerSynchronisation	Reconciliation and closure of the current period, with synchronisation of the reconciliation between the POI and Acquirers.
PREC	PreviousReconciliation	Request result of a previous reconciliation.
SREC	SaleReconciliation	Reconciliation with closure of the current period, without any Acquirers synchronisation.

4.4.2.3.2 AcquirerIdentification <Acqrrld>

Presence: [0..1]

Definition: Identification of the Acquirer.

Datatype: "Max35Text" on page 2411

4.4.2.3.3 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

4.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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 or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

5 casp.004.001.07

SaleToPOIReconciliationResponseV07

5.1 MessageDefinition Functionality

The SaleToPOIReconciliationResponse message is sent by a POI to provide the result of reconciliation process between sale and POI systems.

Outline

The SaleToPOIReconciliationResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. ReconciliationResponse
 - Information related to the response of a reconciliation request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIRcncltnRspn>	[1..1]			
	Header <Hdr>	[1..1]			914
	MessageFunction <MsgFctn>	[1..1]	CodeSet		915
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		916
	ExchangeIdentification <XchgId>	[1..1]	Text		916
	CreationDateTime <CreDtTm>	[1..1]	DateTime		916
	InitiatingParty <InitgPty>	[1..1]	±		916
	RecipientParty <RcptPty>	[0..1]	±		917
	Traceability <Tracblt>	[0..*]	±		918
	ReconciliationResponse <RcncltnRspn>	[1..1]			918
	Environment <Envt>	[1..1]	±	C8	922
	Context <Cntxt>	[1..1]		C9	928
	PaymentContext <PmtCntxt>	[0..1]			931
	CardPresent <CardPres>	[0..1]	Indicator		931
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		931
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		932
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		932
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		932
	TransactionChannel <TxChanl>	[0..1]	CodeSet		932
	BusinessArea <BizArea>	[0..1]	CodeSet		933
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		933
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	933
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		934
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		934
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		935
	SaleContext <SaleCntxt>	[0..1]			935
	SaleIdentification <SaleId>	[0..1]	Text		936
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		936
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		937
	CashierIdentification <CshrId>	[0..1]	Text		937

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	937
	ShiftNumber <ShftNb>	[0..1]	Text		937
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		937
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		937
	InvoiceNumber <InvcNb>	[0..1]	Text		937
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		938
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			938
	CommonName <CmonNm>	[1..1]	Text		938
	Address <Adr>	[0..1]	Text		938
	CountryCode <CtryCd>	[1..1]	CodeSet		938
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		938
	RegisteredIdentifier <Reglddr>	[1..1]	Text		938
	SplitPayment <Spltpmt>	[0..1]	Indicator		939
	RemainingAmount <RmngAmt>	[0..1]	Amount		939
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		939
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		939
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		939
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		940
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		940
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	940
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		941
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		941
	SystemToNotify <SysToNtfy>	[0..1]	Text		941
	Debtor <Dbtr>	[0..1]	±		942
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	943
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		943
	Creditor <Cdtr>	[0..1]	±		943
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	944
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		945
	DirectDebitContext <DrctDbtCntxt>	[0..1]			945
	Debtor <Dbtr>	[0..1]	±		946

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	947
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		948
	Creditor <Cdtr>	[0..1]	±		948
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	949
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		950
	MandateRelatedInformation <MndtRltdInf>	[1..1]			950
	MandateIdentification <MndtId>	[1..1]	Text		951
	DateOfSignature <DtOfSgntr>	[0..1]	Date		951
	MandateImage <MndtImg>	[0..1]	Binary		951
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		951
	ReconciliationResponseData <RcncltnRspnData>	[1..1]			951
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		953
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		953
	TransactionTotals <TxTtls>	[0..*]			953
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		956
	POIIdentification <POIId>	[0..1]	Text		956
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <CshrlId>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		957
	CountryCode <CtryCd>	[1..1]	CodeSet		957
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <RegldId>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpId>	[0..1]	Text		957

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpId>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		960
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		961
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961
	Response <Rspn>	[1..1]	±		961
	SupplementaryData <SplmtryData>	[0..*]	±	C11	962
	SecurityTrailer <SctyTrlr>	[0..1]	±		962

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 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.

5.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

5.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		915
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		916
	ExchangeIdentification <XchgId>	[1..1]	Text		916
	CreationDateTime <CreDtTm>	[1..1]	DateTime		916
	InitiatingParty <InitgPty>	[1..1]	±		916
	RecipientParty <RcptPty>	[0..1]	±		917
	Traceability <Tracblt>	[0..*]	±		918

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

5.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

5.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

5.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

5.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

5.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

5.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

5.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the response of a reconciliation request.

ReconciliationResponse <RcncltnRspn> contains the following **ReconciliationResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	922
	Context <Cntxt>	[1..1]		C9	928
	PaymentContext <PmtCntxt>	[0..1]			931
	CardPresent <CardPres>	[0..1]	Indicator		931
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		931
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		932
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		932
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		932
	TransactionChannel <TxChanl>	[0..1]	CodeSet		932
	BusinessArea <BizArea>	[0..1]	CodeSet		933
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		933
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	933
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		934
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		934
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		935
	SaleContext <SaleCntxt>	[0..1]			935
	SaleIdentification <SaleId>	[0..1]	Text		936
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		936
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		937
	CashierIdentification <CshrlId>	[0..1]	Text		937
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	937
	ShiftNumber <ShftNb>	[0..1]	Text		937
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		937
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		937
	InvoiceNumber <InvNb>	[0..1]	Text		937
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		938
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			938
	CommonName <CmonNm>	[1..1]	Text		938
	Address <Adr>	[0..1]	Text		938
	CountryCode <CtryCd>	[1..1]	CodeSet		938

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		938
	RegisteredIdentifier <Regdldr>	[1..1]	Text		938
	SplitPayment <Spltpmt>	[0..1]	Indicator		939
	RemainingAmount <RmngAmt>	[0..1]	Amount		939
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		939
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		939
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		939
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		940
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		940
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	940
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		941
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		941
	SystemToNotify <SysToNtfy>	[0..1]	Text		941
	Debtor <Dbtr>	[0..1]	±		942
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	943
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		943
	Creditor <Cdtr>	[0..1]	±		943
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	944
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		945
	DirectDebitContext <DrctDbtCntxt>	[0..1]			945
	Debtor <Dbtr>	[0..1]	±		946
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	947
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		948
	Creditor <Cdtr>	[0..1]	±		948
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	949
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		950
	MandateRelatedInformation <MndtRltdInf>	[1..1]			950
	MandateIdentification <Mndtld>	[1..1]	Text		951
	DateOfSignature <DtOfSgntr>	[0..1]	Date		951
	MandateImage <MndtImg>	[0..1]	Binary		951
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		951

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationResponseData <RcncltnRspnData>	[1..1]			951
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		953
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		953
	TransactionTotals <TxTtls>	[0..*]			953
	PaymentInstrumentType <PmtlnstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		956
	POIIdentification <POIId>	[0..1]	Text		956
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <Cshrlld>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		957
	CountryCode <CtryCd>	[1..1]	CodeSet		957
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regdldr>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			959
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		960
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		961
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961
	Response <Rspn>	[1..1]	±		961
	SupplementaryData <SplmtryData>	[0..*]	±	C11	962

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <BklId>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhdldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScIyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

5.4.2.2 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]			931
	CardPresent <CardPres>	[0..1]	Indicator		931
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		931
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		932
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		932
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		932
	TransactionChannel <TxChanl>	[0..1]	CodeSet		932
	BusinessArea <BizArea>	[0..1]	CodeSet		933
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		933
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	933
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		934
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		934
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		935
	SaleContext <SaleCntxt>	[0..1]			935
	SaleIdentification <SaleId>	[0..1]	Text		936
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		936
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		937
	CashierIdentification <CshrId>	[0..1]	Text		937
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	937
	ShiftNumber <ShftNb>	[0..1]	Text		937
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		937
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		937
	InvoiceNumber <InvNb>	[0..1]	Text		937
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		938
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			938
	CommonName <CmonNm>	[1..1]	Text		938
	Address <Adr>	[0..1]	Text		938
	CountryCode <CtryCd>	[1..1]	CodeSet		938
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		938
	RegisteredIdentifier <Regldr>	[1..1]	Text		938
	SplitPayment <Spltpmt>	[0..1]	Indicator		939

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		939
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		939
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		939
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		939
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		940
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		940
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	940
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		941
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		941
	SystemToNotify <SysToNtfy>	[0..1]	Text		941
	Debtor <Dbtr>	[0..1]	±		942
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	943
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		943
	Creditor <Cdtr>	[0..1]	±		943
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	944
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		945
	DirectDebitContext <DrctDbtCntxt>	[0..1]			945
	Debtor <Dbtr>	[0..1]	±		946
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	947
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		948
	Creditor <Cdtr>	[0..1]	±		948
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	949
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		950
	MandateRelatedInformation <MndtRltdInf>	[1..1]			950
	MandateIdentification <Mndtld>	[1..1]	Text		951
	DateOfSignature <DtOfSgntr>	[0..1]	Date		951
	MandateImage <Mndtlmg>	[0..1]	Binary		951
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		951

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

5.4.2.2.1 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		931
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		931
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		932
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		932
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		932
	TransactionChannel <TxChanl>	[0..1]	CodeSet		932
	BusinessArea <BizArea>	[0..1]	CodeSet		933
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		933
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	933
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		934
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		934
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		935

5.4.2.2.1.1 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 2406):

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

5.4.2.2.1.2 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 2406):

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

5.4.2.2.1.3 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 2406):

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

5.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

5.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

5.4.2.2.1.6 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 2400

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.

5.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

5.4.2.2.1.8 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 2406):

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

5.4.2.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

5.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

5.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

5.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

5.4.2.2.2 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		936
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		936
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		937
	CashierIdentification <CshrId>	[0..1]	Text		937
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	937
	ShiftNumber <ShftNb>	[0..1]	Text		937
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		937
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		937
	InvoiceNumber <InvcNb>	[0..1]	Text		937
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		938
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			938
	CommonName <CmonNm>	[1..1]	Text		938
	Address <Adr>	[0..1]	Text		938
	CountryCode <CtryCd>	[1..1]	CodeSet		938
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		938
	RegisteredIdentifier <Regdldr>	[1..1]	Text		938
	SplitPayment <Spltpmt>	[0..1]	Indicator		939
	RemainingAmount <RmngAmt>	[0..1]	Amount		939
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		939
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		939
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		939
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		940
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		940

5.4.2.2.2.1 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 2411

5.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

5.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

5.4.2.2.2.7 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 2406):

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

5.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

5.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

5.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.2.11 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		938
	Address <Adr>	[0..1]	Text		938
	CountryCode <CtryCd>	[1..1]	CodeSet		938
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		938
	RegisteredIdentifier <Regldr>	[1..1]	Text		938

5.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

5.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

5.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

5.4.2.2.2.11.4 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 2414

5.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.2.12 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 2406):

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

5.4.2.2.2.13 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 2332

5.4.2.2.2.14 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 2406):

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

5.4.2.2.2.15 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 2406):

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

5.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

5.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

5.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

5.4.2.2.3 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		941
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		941
	SystemToNotify <SysToNtfy>	[0..1]	Text		941
	Debtor <Dbtr>	[0..1]	±		942
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	943
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		943
	Creditor <Cdtr>	[0..1]	±		943
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	944
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		945

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

5.4.2.2.3.1 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 2406):

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

5.4.2.2.3.2 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 2406):

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

5.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

5.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

5.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

5.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

5.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

5.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

5.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

5.4.2.2.4 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]	±		946
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	947
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		948
	Creditor <Cdtr>	[0..1]	±		948
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	949
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		950
	MandateRelatedInformation <MndtRltdInf>	[1..1]			950
	MandateIdentification <MndtId>	[1..1]	Text		951
	DateOfSignature <DtOfSgntr>	[0..1]	Date		951
	MandateImage <MndtImg>	[0..1]	Binary		951
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		951

5.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

5.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

5.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

5.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

5.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

5.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

5.4.2.2.4.7 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		951
	DateOfSignature <DtOfSgntr>	[0..1]	Date		951
	MandateImage <MndtImg>	[0..1]	Binary		951
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		951

5.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

5.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

5.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

5.4.2.3 ReconciliationResponseData <RcncltnRspnData>

Presence: [1..1]

Definition: Content of the Reconciliation Response message.

ReconciliationResponseData <RcncltnRspnData> contains the following
ReconciliationResponseData2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		953
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		953
	TransactionTotals <TxTtls>	[0..*]			953
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		956
	POIIdentification <POIId>	[0..1]	Text		956
	SaleIdentification <SaleId>	[0..1]	Text		956
	CashierIdentification <Cshrlld>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		957
	CountryCode <CtryCd>	[1..1]	CodeSet		957
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regldr>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpId>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpId>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		960
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		961
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961

5.4.2.3.1 ReconciliationType <RcncltnTp>

Presence: [1..1]

Definition: Type of Reconciliation requested by the Sale to the POI.

Datatype: "ReconciliationType1Code" on page 2383

CodeName	Name	Definition
AREC	AcquirerReconciliation	Reconciliation between the POI and one or several Acquirers only. There is no reconciliation between the Sale System and the POI System.
ASYN	AcquirerSynchronisation	Reconciliation and closure of the current period, with synchronisation of the reconciliation between the POI and Acquirers.
PREC	PreviousReconciliation	Request result of a previous reconciliation.
SREC	SaleReconciliation	Reconciliation with closure of the current period, without any Acquirers synchronisation.

5.4.2.3.2 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.3.3 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Result of the Sale to POI Reconciliation processing.

TransactionTotals <TxTtl> contains the following **TransactionTotalsSet2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrumentType <PmtInstmTp>	[1..1]	CodeSet		955
	AcquirerIdentification <Acqrrld>	[0..1]	Text		955
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		955
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		955
	Brand <Brnd>	[0..1]	Text		956
	POIIdentification <POIld>	[0..1]	Text		956
	SaleIdentification <Saleld>	[0..1]	Text		956
	CashierIdentification <Cshrlld>	[0..1]	Text		956
	ShiftNumber <ShftNb>	[0..1]	Text		956
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			956
	CommonName <CmonNm>	[1..1]	Text		956
	Address <Adr>	[0..1]	Text		957
	CountryCode <CtryCd>	[1..1]	CodeSet		957
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regldr>	[1..1]	Text		957
	TransactionTotal <TxTtl>	[1..1]			957
	POIGroupIdentification <POIGrpld>	[0..1]	Text		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			959
	POIGroupIdentification <POIGrpld>	[0..1]	Text		959
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		960
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		961
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		961

5.4.2.3.3.1 PaymentInstrumentType <PmtlnstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType2Code" on page 2377

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.

5.4.2.3.3.2 AcquirerIdentification <Acqrrld>

Presence: [0..1]

Definition: Identification of an Acquirer.

Datatype: "Max35Text" on page 2411

5.4.2.3.3.3 ReconciliationIdentification <Rcncltnld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.3.3.4 SaleReconciliationIdentification <SaleRcncltnld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.3.3.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 2411

5.4.2.3.3.6 POIIdentification <POIID>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2411

5.4.2.3.3.7 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 2411

5.4.2.3.3.8 CashierIdentification <CshrID>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.3.3.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

5.4.2.3.3.10 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		956
	Address <Adr>	[0..1]	Text		957
	CountryCode <CtryCd>	[1..1]	CodeSet		957
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		957
	RegisteredIdentifier <Regdldr>	[1..1]	Text		957

5.4.2.3.3.10.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

5.4.2.3.3.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

5.4.2.3.3.10.3 CountryCode <CtrCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

5.4.2.3.3.10.4 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 2414

5.4.2.3.3.10.5 RegisteredIdentifier <RegIdlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

5.4.2.3.3.11 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		957
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	Type <Tp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		958
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959

5.4.2.3.3.11.1 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 2411

5.4.2.3.3.11.2 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2411

5.4.2.3.3.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

5.4.2.3.3.11.4 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals3Code" on page 2401

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.

5.4.2.3.3.11.5 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2406

5.4.2.3.3.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

5.4.2.3.3.11.7 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

5.4.2.3.3.12 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 <POIGrpld>	[0..1]	Text		959
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		960
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		960
	Currency <Ccy>	[0..1]	CodeSet	C1	960
	TransactionType <TxTp>	[1..1]	CodeSet		960
	TotalNumber <TtlNb>	[1..1]	Quantity		961
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		961
	DetailedAmount <DtldAmt>	[0..1]	±		961

5.4.2.3.3.12.1 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 2411

5.4.2.3.3.12.2 LoyaltyUnit <LltyUnit>

Presence: [0..1]

Definition: Unit of the amount, expressed in point or in a monetary value and a currency.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

5.4.2.3.3.12.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Cards category related to the acceptance processing rules defined by the Loyalty provider.

Datatype: "Max35Text" on page 2411

5.4.2.3.3.12.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

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

5.4.2.3.3.12.5 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of Loyalty transaction for Report.

Datatype: "LoyaltyTypeTransactionTotals1Code" on page 2372

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.

5.4.2.3.3.12.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2406

5.4.2.3.3.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

5.4.2.3.3.12.8 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

5.4.2.4 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

5.4.2.5 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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 or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

6 casp.005.001.07 SaleToPOISessionManagementRequestV07

6.1 MessageDefinition Functionality

The SaleToPOISessionManagementRequest message is sent by a sale system to select an administrative service related to session management.

Outline

The SaleToPOISessionManagementRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the request.
- B. SessionManagementRequest
Information related to the session management request.
- C. SecurityTrailer
Trailer of the message containing a MAC or a digital signature.

6.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOISsnMgmtReq>	[1..1]			
	Header <Hdr>	[1..1]			968
	MessageFunction <MsgFctn>	[1..1]	CodeSet		968
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		969
	ExchangeIdentification <XchgId>	[1..1]	Text		969
	CreationDateTime <CreDtTm>	[1..1]	DateTime		969
	InitiatingParty <InitgPty>	[1..1]	±		970
	RecipientParty <RcptPty>	[0..1]	±		970
	Traceability <Tracblt>	[0..*]	±		971
	SessionManagementRequest <SsnMgmtReq>	[1..1]			971
	Environment <Envt>	[1..1]	±	C8	974
	Context <Cntxt>	[1..1]		C9	980
	PaymentContext <PmtCntxt>	[0..1]			983
	CardPresent <CardPres>	[0..1]	Indicator		983
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		983
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		984
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		984
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		984
	TransactionChannel <TxChanl>	[0..1]	CodeSet		984
	BusinessArea <BizArea>	[0..1]	CodeSet		985
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		985
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	985
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		986
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		986
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		987
	SaleContext <SaleCntxt>	[0..1]			987
	SaleIdentification <SaleId>	[0..1]	Text		988
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		988
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		989
	CashierIdentification <CshrlId>	[0..1]	Text		989

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	989
	ShiftNumber <ShftNb>	[0..1]	Text		989
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		989
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		989
	InvoiceNumber <InvcNb>	[0..1]	Text		989
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		990
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			990
	CommonName <CmonNm>	[1..1]	Text		990
	Address <Adr>	[0..1]	Text		990
	CountryCode <CtryCd>	[1..1]	CodeSet		990
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		990
	RegisteredIdentifier <Reglddr>	[1..1]	Text		990
	SplitPayment <Spltpmt>	[0..1]	Indicator		991
	RemainingAmount <RmngAmt>	[0..1]	Amount		991
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		991
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		991
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		991
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		992
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		992
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	992
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		993
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		993
	SystemToNotify <SysToNtfy>	[0..1]	Text		993
	Debtor <Dbtr>	[0..1]	±		994
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	995
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		995
	Creditor <Cdtr>	[0..1]	±		995
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	996
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		997
	DirectDebitContext <DrctDbtCntxt>	[0..1]			997
	Debtor <Dbtr>	[0..1]	±		998

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	999
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1000
	Creditor <Cdtr>	[0..1]	±		1000
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1001
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1002
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1002
	MandateIdentification <MndtId>	[1..1]	Text		1003
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1003
	MandateImage <MndtImg>	[0..1]	Binary		1003
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1003
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1003
	LoginRequest <LgnReq>	[0..1]			1004
	LoginDateTime <LgnDtTm>	[1..1]	DateTime		1004
	SaleSoftware <SaleSftwr>	[1..*]	±		1005
	SaleTerminalData <SaleTermnlData>	[0..1]			1007
	TerminalEnvironment <TermnlEnvnt>	[0..1]	CodeSet		1008
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1008
	TrainingModeFlag <TrngMdFlg>	[0..1]	Indicator		1008
	CashierIdentification <CshrId>	[0..1]	Text		1008
	CashierLanguage <CshrLang>	[1..1]	CodeSet	C12	1008
	ShiftNumber <ShftNb>	[0..1]	Text		1008
	TokenRequestedType <TknReqdTp>	[0..1]	CodeSet		1009
	CustomerOrderRequest <CstmrOrdrrReq>	[0..1]	CodeSet		1009
	POIIdentification <POIId>	[0..1]			1009
	ItemNumber <ItmNb>	[0..1]	Text		1009
	ProviderIdentification <PrvdrId>	[0..1]	Text		1010
	Identification <Id>	[0..1]	Text		1010
	SerialNumber <SrlNb>	[0..1]	Text		1010
	TotalsGroupIdentification <TtlsGrpld>	[0..1]	Text		1010
	OutputDisplay <OutptDisp>	[0..1]	±		1010
	LogoutRequest <LgtReq>	[0..1]			1011

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MaintenanceAllowed <MntncAllwd>	[0..1]	Indicator		1011
	DiagnosisRequest <DgnssReq>	[0..1]			1011
	HostDiagnosisFlag <HstDgnssFlg>	[0..1]	Indicator		1012
	AcquirerIdentification <Acqrrld>	[0..*]	Text		1012
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1012
	SecurityTrailer <SctyTrlr>	[0..1]	±		1012

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 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.

6.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

6.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		968
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		969
	ExchangeIdentification <XchgId>	[1..1]	Text		969
	CreationDateTime <CreDtTm>	[1..1]	DateTime		969
	InitiatingParty <InitgPty>	[1..1]	±		970
	RecipientParty <RcptPty>	[0..1]	±		970
	Traceability <Tracblt>	[0..*]	±		971

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.

CodeName	Name	Definition
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

6.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

6.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

6.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

6.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

6.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

6.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

6.4.2 SessionManagementRequest <SsnMgmtReq>

Presence: [1..1]

Definition: Information related to the session management request.

SessionManagementRequest <SsnMgmtReq> contains the following
SessionManagementRequest8 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	974
	Context <Cntxt>	[1..1]		C9	980
	PaymentContext <PmtCntxt>	[0..1]			983
	CardPresent <CardPres>	[0..1]	Indicator		983
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		983
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		984
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		984
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		984
	TransactionChannel <TxChanl>	[0..1]	CodeSet		984
	BusinessArea <BizArea>	[0..1]	CodeSet		985
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		985
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	985
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		986
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		986
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		987
	SaleContext <SaleCntxt>	[0..1]			987
	SaleIdentification <SaleId>	[0..1]	Text		988
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		988
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		989
	CashierIdentification <CshrlId>	[0..1]	Text		989
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	989
	ShiftNumber <ShftNb>	[0..1]	Text		989
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		989
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		989
	InvoiceNumber <InvNb>	[0..1]	Text		989
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		990
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			990
	CommonName <CmonNm>	[1..1]	Text		990
	Address <Adr>	[0..1]	Text		990
	CountryCode <CtryCd>	[1..1]	CodeSet		990

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		990
	RegisteredIdentifier <Regdldr>	[1..1]	Text		990
	SplitPayment <Spltpmt>	[0..1]	Indicator		991
	RemainingAmount <RmngAmt>	[0..1]	Amount		991
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		991
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		991
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		991
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		992
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		992
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	992
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		993
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		993
	SystemToNotify <SysToNtfy>	[0..1]	Text		993
	Debtor <Dbtr>	[0..1]	±		994
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	995
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		995
	Creditor <Cdtr>	[0..1]	±		995
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	996
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		997
	DirectDebitContext <DrctDbtCntxt>	[0..1]			997
	Debtor <Dbtr>	[0..1]	±		998
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	999
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1000
	Creditor <Cdtr>	[0..1]	±		1000
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1001
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1002
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1002
	MandateIdentification <Mndtld>	[1..1]	Text		1003
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1003
	MandateImage <MndtImg>	[0..1]	Binary		1003
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1003

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1003
	LoginRequest <LgnReq>	[0..1]			1004
	LoginDateTime <LgnDtTm>	[1..1]	DateTime		1004
	SaleSoftware <SaleSftwr>	[1..*]	±		1005
	SaleTerminalData <SaleTermnlData>	[0..1]			1007
	TerminalEnvironment <TermnlEnvt>	[0..1]	CodeSet		1008
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		1008
	TrainingModeFlag <TrngMdFlg>	[0..1]	Indicator		1008
	CashierIdentification <Cshrlld>	[0..1]	Text		1008
	CashierLanguage <CshrLang>	[1..1]	CodeSet	C12	1008
	ShiftNumber <ShftNb>	[0..1]	Text		1008
	TokenRequestedType <TknReqdTp>	[0..1]	CodeSet		1009
	CustomerOrderRequest <CstmrOrdRReq>	[0..1]	CodeSet		1009
	POIIdentification <POIld>	[0..1]			1009
	ItemNumber <itmNb>	[0..1]	Text		1009
	ProviderIdentification <Prvdrld>	[0..1]	Text		1010
	Identification <ld>	[0..1]	Text		1010
	SerialNumber <SrlNb>	[0..1]	Text		1010
	TotalsGroupIdentification <TtlsGrpld>	[0..1]	Text		1010
	OutputDisplay <OutptDisp>	[0..1]	±		1010
	LogoutRequest <LgtReq>	[0..1]			1011
	MaintenanceAllowed <MntncAllwd>	[0..1]	Indicator		1011
	DiagnosisRequest <DgnssReq>	[0..1]			1011
	HostDiagnosisFlag <HstDgnssFlg>	[0..1]	Indicator		1012
	AcquirerIdentification <Acqrrld>	[0..*]	Text		1012
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1012

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 "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdlrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

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]			983
	CardPresent <CardPres>	[0..1]	Indicator		983
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		983
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		984
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		984
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		984
	TransactionChannel <TxChanl>	[0..1]	CodeSet		984
	BusinessArea <BizArea>	[0..1]	CodeSet		985
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		985
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	985
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		986
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		986
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		987
	SaleContext <SaleCntxt>	[0..1]			987
	SaleIdentification <SaleId>	[0..1]	Text		988
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		988
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		989
	CashierIdentification <CshrId>	[0..1]	Text		989
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	989
	ShiftNumber <ShftNb>	[0..1]	Text		989
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		989
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		989
	InvoiceNumber <InvcNb>	[0..1]	Text		989
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		990
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			990
	CommonName <CmonNm>	[1..1]	Text		990
	Address <Adr>	[0..1]	Text		990
	CountryCode <CtryCd>	[1..1]	CodeSet		990
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		990
	RegisteredIdentifier <Regldr>	[1..1]	Text		990
	SplitPayment <Spltpmt>	[0..1]	Indicator		991

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		991
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		991
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		991
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		991
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		992
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		992
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	992
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		993
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		993
	SystemToNotify <SysToNtfy>	[0..1]	Text		993
	Debtor <Dbtr>	[0..1]	±		994
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	995
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		995
	Creditor <Cdtr>	[0..1]	±		995
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	996
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		997
	DirectDebitContext <DrctDbtCntxt>	[0..1]			997
	Debtor <Dbtr>	[0..1]	±		998
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	999
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1000
	Creditor <Cdtr>	[0..1]	±		1000
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1001
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1002
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1002
	MandateIdentification <Mndtld>	[1..1]	Text		1003
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1003
	MandateImage <Mndtlmg>	[0..1]	Binary		1003
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1003

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		983
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		983
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		984
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		984
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		984
	TransactionChannel <TxChanl>	[0..1]	CodeSet		984
	BusinessArea <BizArea>	[0..1]	CodeSet		985
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		985
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	985
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		986
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		986
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		987

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 2406):

- *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 2406):

- *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 2406):

- *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 2346

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 2401

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 2400

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 2350

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 2406):

- *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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2352

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 <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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 2397

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		988
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		988
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		989
	CashierIdentification <CshrId>	[0..1]	Text		989
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	989
	ShiftNumber <ShftNb>	[0..1]	Text		989
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		989
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		989
	InvoiceNumber <InvcNb>	[0..1]	Text		989
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		990
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			990
	CommonName <CmonNm>	[1..1]	Text		990
	Address <Adr>	[0..1]	Text		990
	CountryCode <CtryCd>	[1..1]	CodeSet		990
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		990
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		990
	SplitPayment <Spltpmt>	[0..1]	Indicator		991
	RemainingAmount <RmngAmt>	[0..1]	Amount		991
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		991
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		991
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		991
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		992
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		992

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 2411

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 2411

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 2411

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 2411

6.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2410

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 2406):

- *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 2411

6.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

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 2411

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		990
	Address <Adr>	[0..1]	Text		990
	CountryCode <CtryCd>	[1..1]	CodeSet		990
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		990
	RegisteredIdentifier <Regldr>	[1..1]	Text		990

6.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

6.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

6.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

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 2414

6.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

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 2406):

- *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 2332

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 2406):

- *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 2406):

- *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 2352

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 2395

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 2413

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		993
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		993
	SystemToNotify <SysToNtfy>	[0..1]	Text		993
	Debtor <Dbtr>	[0..1]	±		994
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	995
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		995
	Creditor <Cdtr>	[0..1]	±		995
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	996
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		997

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 2406):

- *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 2406):

- *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 2408

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <Dgstddata>	[0..1]	±		2309

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]	±		998
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	999
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1000
	Creditor <Cdtr>	[0..1]	±		1000
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1001
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1002
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1002
	MandateIdentification <MndtId>	[1..1]	Text		1003
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1003
	MandateImage <MndtImg>	[0..1]	Binary		1003
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1003

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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		1003
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1003
	MandateImage <MndtImg>	[0..1]	Binary		1003
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1003

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 2411

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 2404

6.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

6.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService4Code" on page 2391

CodeName	Name	Definition
SMIQ	AdministrativeSessionManagementLoginRequest	The Sale System requests a login to the POI System.
SMOQ	AdministrativeSessionManagementLogoutRequest	The Sale System requests a logout to the POI System.
SMDQ	AdministrativeSessionManagementDiagnosisRequest	The Sale System requests a session diagnosis to the POI System.

6.4.2.4 LoginRequest <LgnReq>

Presence: [0..1]

Definition: Content of the Login Request message.

LoginRequest <LgnReq> contains the following **LoginRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoginDateTime <LgnDtTm>	[1..1]	DateTime		1004
	SaleSoftware <SaleSftwr>	[1..*]	±		1005
	SaleTerminalData <SaleTermnlData>	[0..1]			1007
	TerminalEnvironment <TermnlEnvnt>	[0..1]	CodeSet		1008
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1008
	TrainingModeFlag <TrngMdFlg>	[0..1]	Indicator		1008
	CashierIdentification <Cshrld>	[0..1]	Text		1008
	CashierLanguage <CshrLang>	[1..1]	CodeSet	C12	1008
	ShiftNumber <ShftNb>	[0..1]	Text		1008
	TokenRequestedType <TknReqdTp>	[0..1]	CodeSet		1009
	CustomerOrderRequest <CstmrOrdrrReq>	[0..1]	CodeSet		1009
	POIIdentification <POIId>	[0..1]			1009
	ItemNumber <ItmNb>	[0..1]	Text		1009
	ProviderIdentification <Prvdrld>	[0..1]	Text		1010
	Identification <Id>	[0..1]	Text		1010
	SerialNumber <SrlNb>	[0..1]	Text		1010
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1010
	OutputDisplay <OutptDisp>	[0..1]	±		1010

6.4.2.4.1 LoginDateTime <LgnDtTm>

Presence: [1..1]

Definition: Date and Time of Login.

Datatype: "ISODateTime" on page 2404

6.4.2.4.2 SaleSoftware <SaleSftwr>

Presence: [1..*]

Definition: Information related to the software of the Sale System which manages the Sale to POI protocol.

SaleSoftware <SaleSftwr> contains the following elements (see "PointOfInteractionComponent17" on page 2212 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

6.4.2.4.3 SaleTerminalData <SaleTermnlData>

Presence: [0..1]

Definition: Information related to the software and hardware feature of the Sale Terminal.

SaleTerminalData <SaleTermnlData> contains the following **SaleTerminalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalEnvironment <TermnlEnvnt>	[0..1]	CodeSet		1008
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1008

6.4.2.4.3.1 TerminalEnvironment <TermnlEnvt>

Presence: [0..1]

Definition: Human attendance at the POI location during the transaction.

Datatype: "AttendanceContext1Code" on page 2346

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.

6.4.2.4.3.2 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

6.4.2.4.4 TrainingModeFlag <TrngMdFlg>

Presence: [0..1]

Definition: Training mode.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

6.4.2.4.5 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier..

Datatype: "Max35Text" on page 2411

6.4.2.4.6 CashierLanguage <CshrLang>

Presence: [1..1]

Definition: Language of the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

6.4.2.4.7 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Shift number of the cashier.

Datatype: "Max2NumericText" on page 2410

6.4.2.4.8 TokenRequestedType <TknReqdTp>

Presence: [0..1]

Definition: Type of token replacing the PAN of a payment card to identify the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

6.4.2.4.9 CustomerOrderRequest <CstmrOrdReq>

Presence: [0..1]

Definition: Type of customer orders that must be sent in response message.

Datatype: "CustomerOrderRequest1Code" on page 2360

CodeName	Name	Definition
BOTH	Both	All types of CustomerOrder should be listed, some are open others closed.
CLSD	Closed	Completed customer orders.
OPEN	Open	Customer order not completed.

6.4.2.4.10 POIIdentification <POIID>

Presence: [0..1]

Definition: POI Terminal identification.

POIIdentification <POIID> contains the following **PointOfInteractionComponentIdentification2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		1009
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1010
	Identification <Id>	[0..1]	Text		1010
	SerialNumber <SrlNb>	[0..1]	Text		1010

6.4.2.4.10.1 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 2411

6.4.2.4.10.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2411

6.4.2.4.10.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 2410

6.4.2.4.10.4 SerialNumber <SrINb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 2410

6.4.2.4.11 TotalsGroupIdentification <TtlsGrpId>

Presence: [0..1]

Definition: Default group identification for transaction consolidation (Totals).

Datatype: "Max35Text" on page 2411

6.4.2.4.12 OutputDisplay <OutptDisp>

Presence: [0..1]

Definition: Message to be displayed.

OutputDisplay <OutptDisp> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrnd>	[0..1]			2108
	BarcodeType <BrndTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrndVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

6.4.2.5 LogoutRequest <LgtReq>

Presence: [0..1]

Definition: Content of the Logout Request message.

LogoutRequest <LgtReq> contains the following **LogoutRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaintenanceAllowed <MntncAllwd>	[0..1]	Indicator		1011

6.4.2.5.1 MaintenanceAllowed <MntncAllwd>

Presence: [0..1]

Definition: Indicates that the POI terminal is able to go(or have to go) to maintenance.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

6.4.2.6 DiagnosisRequest <DgnssReq>

Presence: [0..1]

Definition: Content of the Diagnosis Request message.

DiagnosisRequest <DgnssReq> contains the following **DiagnosisRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HostDiagnosisFlag <HstDgnssFlg>	[0..1]	Indicator		1012
	AcquirerIdentification <Acqrrld>	[0..*]	Text		1012

6.4.2.6.1 HostDiagnosisFlag <HstDgnssFlg>

Presence: [0..1]

Definition: Indicates if Host Diagnosis are required.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

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

6.4.2.6.2 AcquirerIdentification <Acqrrld>

Presence: [0..*]

Definition: Identification of the Acquirers.

Datatype: ["Max35Text" on page 2411](#)

6.4.2.7 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 2118](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

6.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on [page 2300](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

7 casp.006.001.07 SaleToPOISessionManagementResponseV07

7.1 MessageDefinition Functionality

The SaleToPOISessionManagementResponse message is sent by a POI to provide the result of an administrative service related to session management.

Outline

The SaleToPOISessionManagementResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. SessionManagementResponse

Information related to the response of a session management request.

C. SecurityTrailer

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

7.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOISsnMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]			1019
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1019
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1020
	ExchangeIdentification <XchgId>	[1..1]	Text		1020
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1021
	InitiatingParty <InitgPty>	[1..1]	±		1021
	RecipientParty <RcptPty>	[0..1]	±		1021
	Traceability <Tracblt>	[0..*]	±		1022
	SessionManagementResponse <SsnMgmtRspn>	[1..1]			1022
	Environment <Envt>	[1..1]	±	C8	1025
	Context <Cntxt>	[1..1]		C9	1032
	PaymentContext <PmtCntxt>	[0..1]			1035
	CardPresent <CardPres>	[0..1]	Indicator		1035
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1035
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1036
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		1036
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1036
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1036
	BusinessArea <BizArea>	[0..1]	CodeSet		1037
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1037
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1037
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1038
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1038
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1039
	SaleContext <SaleCntxt>	[0..1]			1039
	SaleIdentification <SaleId>	[0..1]	Text		1040
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1040
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1041
	CashierIdentification <CshrId>	[0..1]	Text		1041

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1041
	ShiftNumber <ShftNb>	[0..1]	Text		1041
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1041
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1041
	InvoiceNumber <InvcNb>	[0..1]	Text		1041
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1042
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1042
	CommonName <CmonNm>	[1..1]	Text		1042
	Address <Adr>	[0..1]	Text		1042
	CountryCode <CtryCd>	[1..1]	CodeSet		1042
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1042
	RegisteredIdentifier <Reglddr>	[1..1]	Text		1042
	SplitPayment <Spltpmt>	[0..1]	Indicator		1043
	RemainingAmount <RmngAmt>	[0..1]	Amount		1043
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1043
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1043
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1043
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1044
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1044
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1044
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1045
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1045
	SystemToNotify <SysToNtfy>	[0..1]	Text		1045
	Debtor <Dbtr>	[0..1]	±		1046
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1047
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1047
	Creditor <Cdtr>	[0..1]	±		1047
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1048
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1049
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1049
	Debtor <Dbtr>	[0..1]	±		1050

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1051
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1052
	Creditor <Cdtr>	[0..1]	±		1052
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1053
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1054
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1054
	MandateIdentification <MndtId>	[1..1]	Text		1055
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1055
	MandateImage <MndtImg>	[0..1]	Binary		1055
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1055
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1055
	LoginResponse <LgnRspn>	[0..1]			1056
	POIDateTime <POIDtTm>	[1..1]	DateTime		1056
	POISoftware <POISftwr>	[1..*]	±		1056
	POICapabilities <POICpblties>	[0..1]	±		1058
	OutputDisplay <OutptDisp>	[0..1]	±		1059
	DiagnosisResponse <DgnssRspn>	[0..1]			1060
	LoggedSaleIdentification <LggdSaleId>	[0..*]	Text		1061
	POIStatus <POISts>	[0..1]			1061
	POICapabilities <POICpblties>	[0..1]	±		1062
	POIComponent <POICmpnt>	[0..*]	±		1063
	POIGroupIdentification <POIGrpld>	[0..*]	Text		1065
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1065
	POIDateTime <POIDtTm>	[1..1]	DateTime		1066
	DataSetRequired <DataSetReqrd>	[0..*]			1066
	Identification <Id>	[1..1]	±		1066
	POIChallenge <POIChllng>	[0..1]	Binary		1066
	TMChallenge <TMChllng>	[0..1]	Binary		1067
	SessionKey <SsnKey>	[0..1]	±		1067
	DelegationProof <DlgtProof>	[0..1]	Binary		1068
	ProtectedDelegationProof <PrctcdDlgtProof>	[0..1]	±		1068

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Event <Evt>	[0..*]	±		1068
	Errors <Errs>	[0..*]	Text		1068
	HostStatus <HstSts>	[0..*]			1069
	AcquirerIdentification <AcqrId>	[1..1]	Text		1069
	Reachable <Rchbl>	[0..1]	Indicator		1069
	Response <Rspn>	[1..1]	±		1069
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1069
	SecurityTrailer <SctyTrlr>	[0..1]	±		1070

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 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.

7.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

7.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1019
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1020
	ExchangeIdentification <XchgId>	[1..1]	Text		1020
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1021
	InitiatingParty <InitgPty>	[1..1]	±		1021
	RecipientParty <RcptPty>	[0..1]	±		1021
	Traceability <Tracblt>	[0..*]	±		1022

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.

CodeName	Name	Definition
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

7.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

7.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

7.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

7.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

7.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

7.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

7.4.2 SessionManagementResponse <SsnMgmtRspn>

Presence: [1..1]

Definition: Information related to the response of a session management request.

SessionManagementResponse <SsnMgmtRspn> contains the following
SessionManagementResponse8 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C8	1025
	Context <Cntxt>	[1..1]		C9	1032
	PaymentContext <PmtCntxt>	[0..1]			1035
	CardPresent <CardPres>	[0..1]	Indicator		1035
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1035
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1036
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1036
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1036
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1036
	BusinessArea <BizArea>	[0..1]	CodeSet		1037
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1037
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1037
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1038
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1038
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1039
	SaleContext <SaleCntxt>	[0..1]			1039
	SaleIdentification <SaleId>	[0..1]	Text		1040
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1040
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1041
	CashierIdentification <CshrId>	[0..1]	Text		1041
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1041
	ShiftNumber <ShftNb>	[0..1]	Text		1041
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1041
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1041
	InvoiceNumber <InvNb>	[0..1]	Text		1041
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1042
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1042
	CommonName <CmonNm>	[1..1]	Text		1042
	Address <Adr>	[0..1]	Text		1042
	CountryCode <CtryCd>	[1..1]	CodeSet		1042

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1042
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1042
	SplitPayment <Spltpmt>	[0..1]	Indicator		1043
	RemainingAmount <RmngAmt>	[0..1]	Amount		1043
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1043
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1043
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1043
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1044
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1044
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1044
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1045
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1045
	SystemToNotify <SysToNtfy>	[0..1]	Text		1045
	Debtor <Dbtr>	[0..1]	±		1046
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1047
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1047
	Creditor <Cdtr>	[0..1]	±		1047
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1048
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1049
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1049
	Debtor <Dbtr>	[0..1]	±		1050
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1051
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1052
	Creditor <Cdtr>	[0..1]	±		1052
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1053
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1054
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1054
	MandateIdentification <MndtId>	[1..1]	Text		1055
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1055
	MandateImage <MndtImg>	[0..1]	Binary		1055
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1055

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1055
	LoginResponse <LgnRspn>	[0..1]			1056
	POIDateTime <POIDtTm>	[1..1]	DateTime		1056
	POISoftware <POISftwr>	[1..*]	±		1056
	POICapabilities <POICpblties>	[0..1]	±		1058
	OutputDisplay <OutptDisp>	[0..1]	±		1059
	DiagnosisResponse <DgnssRspn>	[0..1]			1060
	LoggedSaleIdentification <LggdSaleId>	[0..*]	Text		1061
	POIStatus <POISts>	[0..1]			1061
	POICapabilities <POICpblties>	[0..1]	±		1062
	POIComponent <POICmpnt>	[0..*]	±		1063
	POIGroupIdentification <POIGrpId>	[0..*]	Text		1065
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1065
	POIDateTime <POIDtTm>	[1..1]	DateTime		1066
	DataSetRequired <DataSetReqrd>	[0..*]			1066
	Identification <Id>	[1..1]	±		1066
	POIChallenge <POIChllng>	[0..1]	Binary		1066
	TMChallenge <TMChllng>	[0..1]	Binary		1067
	SessionKey <SsnKey>	[0..1]	±		1067
	DelegationProof <DlgtNProof>	[0..1]	Binary		1068
	ProtectedDelegationProof <PrtctdDlgtNProof>	[0..1]	±		1068
	Event <Evt>	[0..*]	±		1068
	Errors <Errs>	[0..*]	Text		1068
	HostStatus <HstSts>	[0..*]			1069
	AcquirerIdentification <AcqrrId>	[1..1]	Text		1069
	Reachable <Rchbl>	[0..1]	Indicator		1069
	Response <Rspn>	[1..1]	±		1069
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1069

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdlrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

7.4.2.2 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]			1035
	CardPresent <CardPres>	[0..1]	Indicator		1035
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1035
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1036
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1036
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1036
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1036
	BusinessArea <BizArea>	[0..1]	CodeSet		1037
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1037
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1037
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1038
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1038
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1039
	SaleContext <SaleCntxt>	[0..1]			1039
	SaleIdentification <SaleId>	[0..1]	Text		1040
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1040
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1041
	CashierIdentification <CshrId>	[0..1]	Text		1041
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1041
	ShiftNumber <ShftNb>	[0..1]	Text		1041
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1041
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1041
	InvoiceNumber <InvNb>	[0..1]	Text		1041
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1042
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1042
	CommonName <CmonNm>	[1..1]	Text		1042
	Address <Adr>	[0..1]	Text		1042
	CountryCode <CtryCd>	[1..1]	CodeSet		1042
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1042
	RegisteredIdentifier <Regldr>	[1..1]	Text		1042
	SplitPayment <Spltpmt>	[0..1]	Indicator		1043

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1043
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1043
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1043
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1043
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1044
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1044
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1044
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1045
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1045
	SystemToNotify <SysToNtfy>	[0..1]	Text		1045
	Debtor <Dbtr>	[0..1]	±		1046
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1047
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1047
	Creditor <Cdtr>	[0..1]	±		1047
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1048
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1049
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1049
	Debtor <Dbtr>	[0..1]	±		1050
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1051
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1052
	Creditor <Cdtr>	[0..1]	±		1052
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1053
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1054
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1054
	MandateIdentification <Mndtld>	[1..1]	Text		1055
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1055
	MandateImage <Mndtlmg>	[0..1]	Binary		1055
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1055

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

7.4.2.2.1 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		1035
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1035
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1036
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1036
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1036
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1036
	BusinessArea <BizArea>	[0..1]	CodeSet		1037
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1037
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1037
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1038
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1038
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1039

7.4.2.2.1.1 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 2406):

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

7.4.2.2.1.2 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 2406):

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

7.4.2.2.1.3 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 2406):

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

7.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

7.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

7.4.2.2.1.6 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 2400

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.

7.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

7.4.2.2.1.8 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 2406):

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

7.4.2.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

7.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

7.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

7.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

7.4.2.2.2 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		1040
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1040
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1041
	CashierIdentification <CshrId>	[0..1]	Text		1041
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1041
	ShiftNumber <ShftNb>	[0..1]	Text		1041
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1041
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1041
	InvoiceNumber <InvcNb>	[0..1]	Text		1041
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1042
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1042
	CommonName <CmonNm>	[1..1]	Text		1042
	Address <Adr>	[0..1]	Text		1042
	CountryCode <CtryCd>	[1..1]	CodeSet		1042
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1042
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1042
	SplitPayment <SpltPmt>	[0..1]	Indicator		1043
	RemainingAmount <RmngAmt>	[0..1]	Amount		1043
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1043
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1043
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1043
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1044
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1044

7.4.2.2.2.1 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 2411

7.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

7.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

7.4.2.2.2.7 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 2406):

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

7.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

7.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

7.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.2.11 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		1042
	Address <Adr>	[0..1]	Text		1042
	CountryCode <CtryCd>	[1..1]	CodeSet		1042
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1042
	RegisteredIdentifier <Regldr>	[1..1]	Text		1042

7.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

7.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

7.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

7.4.2.2.2.11.4 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 2414

7.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.2.12 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 2406):

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

7.4.2.2.2.13 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 2332

7.4.2.2.2.14 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 2406):

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

7.4.2.2.2.15 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 2406):

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

7.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

7.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

7.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

7.4.2.2.3 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		1045
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1045
	SystemToNotify <SysToNtfy>	[0..1]	Text		1045
	Debtor <Dbtr>	[0..1]	±		1046
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1047
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1047
	Creditor <Cdtr>	[0..1]	±		1047
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1048
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1049

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

7.4.2.2.3.1 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 2406):

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

7.4.2.2.3.2 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 2406):

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

7.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

7.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

7.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

7.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

7.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

7.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.2.4 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]	±		1050
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1051
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1052
	Creditor <Cdtr>	[0..1]	±		1052
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1053
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1054
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1054
	MandateIdentification <MndtId>	[1..1]	Text		1055
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1055
	MandateImage <MndtImg>	[0..1]	Binary		1055
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1055

7.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

7.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

7.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

7.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

7.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.2.4.7 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		1055
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1055
	MandateImage <MndtImg>	[0..1]	Binary		1055
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1055

7.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

7.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

7.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

7.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service answered.

Datatype: "RetailerService5Code" on page 2392

CodeName	Name	Definition
SMIP	AdministrativeSessionManagementLoginResponse	The POI System responds to a login request.
SMOP	AdministrativeSessionManagementLogoutResponse	The POI System responds to a logout request.
SMDP	AdministrativeSessionManagementDiagnosisResponse	The POI System responds to a diagnosis request.

7.4.2.4 LoginResponse <LgnRspn>

Presence: [0..1]

Definition: Content of the Login Response message.

LoginResponse <LgnRspn> contains the following **LoginResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIDateTime <POIDtTm>	[1..1]	DateTime		1056
	POISoftware <POISftwr>	[1..*]	±		1056
	POICapabilities <POICpblties>	[0..1]	±		1058
	OutputDisplay <OutptDisp>	[0..1]	±		1059

7.4.2.4.1 POIDateTime <POIDtTm>

Presence: [1..1]

Definition: Date and Time of POI Login.

Datatype: "ISODateTime" on page 2404

7.4.2.4.2 POISoftware <POISftwr>

Presence: [1..*]

Definition: Information related to the software of the POI System which manages the Sale to POI protocol.

POISoftware <POISftwr> contains the following elements (see "PointOfInteractionComponent17" on page 2212 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <Packgld>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

7.4.2.4.3 POICapabilities <POICpblties>

Presence: [0..1]

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

POICapabilities <POICpblties> contains the following elements (see "PointOfInteractionCapabilities9" on page 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2119
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2120
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2120
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2120
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2121
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2121
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2121
	MessageCapabilities <MsgCpblties>	[0..*]			2121
	Destination <Dstn>	[1..*]	CodeSet		2121
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2122
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2122
	LineWidth <LineWidth>	[0..1]	Quantity		2122
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2122

7.4.2.4.4 OutputDisplay <OutptDisp>

Presence: [0..1]

Definition: Message to be displayed.

OutputDisplay <OutptDisp> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrctTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrctVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

7.4.2.5 DiagnosisResponse <DgnssRspn>

Presence: [0..1]

Definition: Content of the Diagnosis Response message.

DiagnosisResponse <DgnssRspn> contains the following **DiagnosisResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoggedSaleIdentification <LggdSaleId>	[0..*]	Text		1061
	POIStatus <POISts>	[0..1]			1061
	POICapabilities <POICpblties>	[0..1]	±		1062
	POIComponent <POICmpnt>	[0..*]	±		1063
	POIGroupIdentification <POIGrpld>	[0..*]	Text		1065
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1065
	POIDateTime <POIDtTm>	[1..1]	DateTime		1066
	DataSetRequired <DataSetReqrd>	[0..*]			1066
	Identification <Id>	[1..1]	±		1066
	POIChallenge <POIChllng>	[0..1]	Binary		1066
	TMChallenge <TMChllng>	[0..1]	Binary		1067
	SessionKey <SsnKey>	[0..1]	±		1067
	DelegationProof <DlgtNProof>	[0..1]	Binary		1068
	ProtectedDelegationProof <PrctcdDlgtNProof>	[0..1]	±		1068
	Event <Evt>	[0..*]	±		1068
	Errors <Errs>	[0..*]	Text		1068
	HostStatus <HstSts>	[0..*]			1069
	AcquirerIdentification <Acqrrld>	[1..1]	Text		1069
	Reachable <Rchbl>	[0..1]	Indicator		1069

7.4.2.5.1 LoggedSaleIdentification <LggdSaleId>

Presence: [0..*]

Definition: Sale Terminal logged to.

Datatype: "Max35Text" on page 2411

7.4.2.5.2 POIStatus <POISts>

Presence: [0..1]

Definition: Status of the POI.

POIStatus <POISts> contains the following **StatusReportContent14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POICapabilities <POICpblties>	[0..1]	±		1062
	POIComponent <POICmpnt>	[0..*]	±		1063
	POIGroupIdentification <POIGrpld>	[0..*]	Text		1065
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1065
	POIDateTime <POIDtTm>	[1..1]	DateTime		1066
	DataSetRequired <DataSetReqrd>	[0..*]			1066
	Identification <Id>	[1..1]	±		1066
	POIChallenge <POIChllng>	[0..1]	Binary		1066
	TMChallenge <TMChllng>	[0..1]	Binary		1067
	SessionKey <SsnKey>	[0..1]	±		1067
	DelegationProof <DlgtProof>	[0..1]	Binary		1068
	ProtectedDelegationProof <PrtctdDlgtProof>	[0..1]	±		1068
	Event <Evt>	[0..*]	±		1068
	Errors <Errs>	[0..*]	Text		1068

7.4.2.5.2.1 POICapabilities <POICpblties>

Presence: [0..1]

Definition: Capabilities of the POI (Point Of Interaction) performing the status report.

POICapabilities <POICpblties> contains the following elements (see "PointOfInteractionCapabilities9" on page 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2119
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2120
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2120
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2120
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2121
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2121
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2121
	MessageCapabilities <MsgCpblties>	[0..*]			2121
	Destination <Dstn>	[1..*]	CodeSet		2121
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2122
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2122
	LineWidth <LineWidth>	[0..1]	Quantity		2122
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2122

7.4.2.5.2.2 POIComponent <POICmpnt>

Presence: [0..*]

Definition: Data related to a component of the POI (Point Of Interaction) performing the status report.

POIComponent <POICmpnt> contains the following elements (see "PointOfInteractionComponent17" on page 2212 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

7.4.2.5.2.3 POIGroupIdentification <POIGrpId>

Presence: [0..*]

Definition: Identifier assigned to a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2411

7.4.2.5.2.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

7.4.2.5.2.5 POIDateTime <POIDtTm>

Presence: [1..1]

Definition: System date time of the point of interaction (POI) sending the status report.

Datatype: "ISODateTime" on page 2404

7.4.2.5.2.6 DataSetRequired <DataSetReqrd>

Presence: [0..*]

Definition: Request the terminal management system to answer with the identified data set.

DataSetRequired <DataSetReqrd> contains the following **DataSetRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1066
	POIChallenge <POIChllng>	[0..1]	Binary		1066
	TMChallenge <TMChllng>	[0..1]	Binary		1067
	SessionKey <SsnKey>	[0..1]	±		1067
	DelegationProof <DlgtmProof>	[0..1]	Binary		1068
	ProtectedDelegationProof <PrctcdDlgtmProof>	[0..1]	±		1068

7.4.2.5.2.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the required data set.

Identification <Id> contains the following elements (see "DataSetIdentification11" on page 2131 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2131
	Type <Tp>	[1..1]	CodeSet		2132
	Version <Vrsn>	[0..1]	Text		2133
	CreationDateTime <CreDtTm>	[0..1]	DateTime		2133

7.4.2.5.2.6.2 POIChallenge <POIChllng>

Presence: [0..1]

Definition: Point of interaction challenge for cryptographic key injection.

Datatype: "Max140Binary" on page 2333

7.4.2.5.2.6.3 TMChallenge <TMChllng>

Presence: [0..1]

Definition: Terminal manager challenge for cryptographic key injection.

Datatype: "Max140Binary" on page 2333

7.4.2.5.2.6.4 SessionKey <SsnKey>

Presence: [0..1]

Definition: Temporary encryption key that the host will use for protecting keys to download.

SessionKey <SsnKey> contains the following elements (see "CryptographicKey18" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2284
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2284
	Name <Nm>	[0..1]	Text		2285
	SecurityProfile <SctyPrfl>	[0..1]	Text		2285
	ItemNumber <ItmNb>	[0..1]	Text		2285
	Version <Vrsn>	[1..1]	Text		2285
	Type <Tp>	[0..1]	CodeSet		2285
	Function <Fctn>	[0..*]	CodeSet		2286
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2286
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2287
	KeyValue <KeyVal>	[0..1]	±		2287
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2287
	Identification <Id>	[1..1]	Text		2287
	Type <Tp>	[1..1]	CodeSet		2287
	ProtectedComponentWithAuthorisedAccess <PrctcdCmpntWthAuthrsdAccs>	[0..*]	±		2288
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2288
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2288
	Name <Nm>	[1..1]	Text		2288
	Value <Val>	[0..1]	Text		2289

7.4.2.5.2.6.5 DelegationProof <DlgnProof>

Presence: [0..1]

Definition: Proof of delegation to be validated by the terminal manager receiving a status report from a new POI.

Datatype: "Max5000Binary" on page 2334

7.4.2.5.2.6.6 ProtectedDelegationProof <PrtctdDlgnProof>

Presence: [0..1]

Definition: Protected proof of delegation.

ProtectedDelegationProof <PrtctdDlgnProof> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

7.4.2.5.2.7 Event <Evt>

Presence: [0..*]

Definition: Result of an individual terminal management action by the point of interaction.

Event <Evt> contains the following elements (see "TMSEvent12" on page 2230 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeStamp <TmStmp>	[1..1]	DateTime		2230
	Result <RsIt>	[1..1]	CodeSet		2231
	ActionIdentification <ActnId>	[1..1]			2232
	ActionType <ActnTp>	[1..1]	CodeSet		2232
	DataSetIdentification <DataSetId>	[0..1]	±		2232
	AdditionalErrorInformation <AddtlErrInf>	[0..1]	Text		2233
	TerminalManagerIdentification <TermnlMgrld>	[0..1]	Text		2233
	DeviceResponse <DvcRspn>	[0..1]	±		2233

7.4.2.5.2.8 Errors <Errs>

Presence: [0..*]

Definition: Error log of the point of interaction since the last status report.

Datatype: "Max140Text" on page 2409

7.4.2.5.3 HostStatus <HstSts>

Presence: [0..*]

Definition: State of a Host.

HostStatus <HstSts> contains the following **HostStatus1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcquirerIdentification <AcqrId>	[1..1]	Text		1069
	Reachable <Rchbl>	[0..1]	Indicator		1069

7.4.2.5.3.1 AcquirerIdentification <AcqrId>

Presence: [1..1]

Definition: Identification of the Acquirer.

Datatype: "Max35Text" on page 2411

7.4.2.5.3.2 Reachable <Rchbl>

Presence: [0..1]

Definition: Indicate if a Host is reachable.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

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

7.4.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

7.4.2.7 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

7.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

8 casp.007.001.07 SaleToPOIAdministrativeRequestV07

8.1 MessageDefinition Functionality

The SaleToPOIAdministrativeRequest message is sent by a sale system to POI System to request for an Administrative service.

Outline

The SaleToPOIAdministrativeRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. AdministrativeRequest
 - Information related to the administrative request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

8.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIAdmstvReq>	[1..1]			
	Header <Hdr>	[1..1]			1075
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1075
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1076
	ExchangeIdentification <XchgId>	[1..1]	Text		1077
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1077
	InitiatingParty <InitgPty>	[1..1]	±		1077
	RecipientParty <RcptPty>	[0..1]	±		1077
	Traceability <Tracblt>	[0..*]	±		1078
	AdministrativeRequest <AdmstvReq>	[1..1]			1078
	Environment <Envt>	[1..1]	±	C8	1081
	Context <Cntxt>	[1..1]		C9	1087
	PaymentContext <PmtCntxt>	[0..1]			1090
	CardPresent <CardPres>	[0..1]	Indicator		1090
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1090
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1091
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1091
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1091
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1091
	BusinessArea <BizArea>	[0..1]	CodeSet		1092
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1092
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1092
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1093
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1093
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1094
	SaleContext <SaleCntxt>	[0..1]			1094
	SaleIdentification <SaleId>	[0..1]	Text		1095
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1095
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1096
	CashierIdentification <CshrlId>	[0..1]	Text		1096

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1096
	ShiftNumber <ShftNb>	[0..1]	Text		1096
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1096
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1096
	InvoiceNumber <InvcNb>	[0..1]	Text		1096
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1097
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1097
	CommonName <CmonNm>	[1..1]	Text		1097
	Address <Adr>	[0..1]	Text		1097
	CountryCode <CtryCd>	[1..1]	CodeSet		1097
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1097
	RegisteredIdentifier <Regldr>	[1..1]	Text		1097
	SplitPayment <Spltpmt>	[0..1]	Indicator		1098
	RemainingAmount <RmngAmt>	[0..1]	Amount		1098
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1098
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1098
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1098
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1099
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1099
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1099
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1100
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1100
	SystemToNotify <SysToNtfy>	[0..1]	Text		1100
	Debtor <Dbtr>	[0..1]	±		1101
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1102
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1102
	Creditor <Cdtr>	[0..1]	±		1102
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1103
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1104
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1104
	Debtor <Dbtr>	[0..1]	±		1105

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1106
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1107
	Creditor <Cdtr>	[0..1]	±		1107
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1108
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1109
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1109
	MandateIdentification <MndtId>	[1..1]	Text		1110
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1110
	MandateImage <MndtImg>	[0..1]	Binary		1110
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1110
	AdministrativeServiceIdentification <AdmstvSvcId>	[0..1]	Text		1110
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1111
	SecurityTrailer <SctyTrlr>	[0..1]	±		1111

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 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.

8.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

8.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1075
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1076
	ExchangeIdentification <XchgId>	[1..1]	Text		1077
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1077
	InitiatingParty <InitgPty>	[1..1]	±		1077
	RecipientParty <RcptPty>	[0..1]	±		1077
	Traceability <Tracblt>	[0..*]	±		1078

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

8.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

8.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

8.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

8.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

8.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

8.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

8.4.2 AdministrativeRequest <AdmstvReq>

Presence: [1..1]

Definition: Information related to the administrative request.

AdministrativeRequest <AdmstvReq> contains the following **AdministrativeRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1081
	Context <Cntxt>	[1..1]		C9	1087
	PaymentContext <PmtCntxt>	[0..1]			1090
	CardPresent <CardPres>	[0..1]	Indicator		1090
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1090
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1091
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1091
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1091
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1091
	BusinessArea <BizArea>	[0..1]	CodeSet		1092
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1092
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1092
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1093
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1093
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1094
	SaleContext <SaleCntxt>	[0..1]			1094
	SaleIdentification <SaleId>	[0..1]	Text		1095
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1095
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1096
	CashierIdentification <CshrlId>	[0..1]	Text		1096
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1096
	ShiftNumber <ShftNb>	[0..1]	Text		1096
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1096
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1096
	InvoiceNumber <InvNb>	[0..1]	Text		1096
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1097
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1097
	CommonName <CmonNm>	[1..1]	Text		1097
	Address <Adr>	[0..1]	Text		1097
	CountryCode <CtryCd>	[1..1]	CodeSet		1097
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1097

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1097
	SplitPayment <SpltPmt>	[0..1]	Indicator		1098
	RemainingAmount <RmngAmt>	[0..1]	Amount		1098
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1098
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1098
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1098
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1099
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1099
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1099
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1100
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1100
	SystemToNotify <SysToNtfy>	[0..1]	Text		1100
	Debtor <Dbtr>	[0..1]	±		1101
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1102
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1102
	Creditor <Cdtr>	[0..1]	±		1102
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1103
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1104
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1104
	Debtor <Dbtr>	[0..1]	±		1105
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1106
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1107
	Creditor <Cdtr>	[0..1]	±		1107
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1108
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1109
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1109
	MandateIdentification <MndtId>	[1..1]	Text		1110
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1110
	MandateImage <MndtImg>	[0..1]	Binary		1110
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1110
	AdministrativeServiceIdentification <AdmstvSvcId>	[0..1]	Text		1110

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1111

8.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

8.4.2.2 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]			1090
	CardPresent <CardPres>	[0..1]	Indicator		1090
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1090
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1091
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1091
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1091
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1091
	BusinessArea <BizArea>	[0..1]	CodeSet		1092
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1092
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1092
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1093
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1093
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1094
	SaleContext <SaleCntxt>	[0..1]			1094
	SaleIdentification <SaleId>	[0..1]	Text		1095
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1095
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1096
	CashierIdentification <CshrId>	[0..1]	Text		1096
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1096
	ShiftNumber <ShftNb>	[0..1]	Text		1096
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1096
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1096
	InvoiceNumber <InvNb>	[0..1]	Text		1096
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1097
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1097
	CommonName <CmonNm>	[1..1]	Text		1097
	Address <Adr>	[0..1]	Text		1097
	CountryCode <CtryCd>	[1..1]	CodeSet		1097
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1097
	RegisteredIdentifier <Regldr>	[1..1]	Text		1097
	SplitPayment <Spltpmt>	[0..1]	Indicator		1098

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1098
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1098
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1098
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1098
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1099
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1099
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1099
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1100
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1100
	SystemToNotify <SysToNtfy>	[0..1]	Text		1100
	Debtor <Dbtr>	[0..1]	±		1101
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1102
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1102
	Creditor <Cdtr>	[0..1]	±		1102
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1103
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1104
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1104
	Debtor <Dbtr>	[0..1]	±		1105
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1106
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1107
	Creditor <Cdtr>	[0..1]	±		1107
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1108
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1109
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1109
	MandateIdentification <MndtId>	[1..1]	Text		1110
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1110
	MandateImage <MndtImg>	[0..1]	Binary		1110
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1110

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		1090
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1090
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1091
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1091
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		1091
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1091
	BusinessArea <BizArea>	[0..1]	CodeSet		1092
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1092
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1092
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1093
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1093
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1094

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 2406):

- *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 2406):

- *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 2406):

- *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 2346

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 2401

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 2400

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 2350

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 2406):

- *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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2352

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 2353

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 2397

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		1095
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1095
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1096
	CashierIdentification <CshrId>	[0..1]	Text		1096
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1096
	ShiftNumber <ShftNb>	[0..1]	Text		1096
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1096
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1096
	InvoiceNumber <InvcNb>	[0..1]	Text		1096
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1097
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1097
	CommonName <CmonNm>	[1..1]	Text		1097
	Address <Adr>	[0..1]	Text		1097
	CountryCode <CtryCd>	[1..1]	CodeSet		1097
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1097
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1097
	SplitPayment <Spltpmt>	[0..1]	Indicator		1098
	RemainingAmount <RmngAmt>	[0..1]	Amount		1098
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1098
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1098
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1098
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1099
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1099

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 2411

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 2411

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 2411

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 2411

8.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

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 2410

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 2406):

- *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 2411

8.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

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 2411

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		1097
	Address <Adr>	[0..1]	Text		1097
	CountryCode <CtryCd>	[1..1]	CodeSet		1097
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1097
	RegisteredIdentifier <Regldr>	[1..1]	Text		1097

8.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

8.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

8.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

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 2414

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 2411

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 2406):

- *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 2332

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 2406):

- *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 2406):

- *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 2352

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 2395

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 2413

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		1100
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1100
	SystemToNotify <SysToNtfy>	[0..1]	Text		1100
	Debtor <Dbtr>	[0..1]	±		1101
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1102
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1102
	Creditor <Cdtr>	[0..1]	±		1102
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1103
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1104

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 2406):

- *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 2406):

- *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 2408

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <Dgstddata>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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]	±		1105
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1106
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1107
	Creditor <Cdtr>	[0..1]	±		1107
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1108
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1109
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1109
	MandateIdentification <MndtId>	[1..1]	Text		1110
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1110
	MandateImage <MndtImg>	[0..1]	Binary		1110
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1110

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

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		1110
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1110
	MandateImage <MndtImg>	[0..1]	Binary		1110
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1110

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 2411

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 2404

8.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

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 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

8.4.2.3 AdministrativeServiceIdentification <AdmstvSvcId>

Presence: [0..1]

Definition: Identification of the administrative service to process.

Datatype: "Max20000Text" on page 2409

8.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

8.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

9 casp.008.001.07 SaleToPOIAdministrativeResponseV07

9.1 MessageDefinition Functionality

The SaleToPOIAdministrativeResponse message is sent by a POI System to a sale system to provide response to an administrative service.

Outline

The SaleToPOIAdministrativeResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the request.
- B. AdministrativeResponse
Information related to the response of an administrative request.
- C. SecurityTrailer
Trailer of the message containing a MAC or a digital signature.

9.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIAdmstvRspn>	[1..1]			
	Header <Hdr>	[1..1]			1116
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1116
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1117
	ExchangeIdentification <XchgId>	[1..1]	Text		1118
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1118
	InitiatingParty <InitgPty>	[1..1]	±		1118
	RecipientParty <RcptPty>	[0..1]	±		1118
	Traceability <Tracblt>	[0..*]	±		1119
	AdministrativeResponse <AdmstvRspn>	[1..1]			1119
	Environment <Envt>	[1..1]	±	C8	1122
	Context <Cntxt>	[1..1]		C9	1128
	PaymentContext <PmtCntxt>	[0..1]			1131
	CardPresent <CardPres>	[0..1]	Indicator		1131
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1131
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1132
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		1132
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1132
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1132
	BusinessArea <BizArea>	[0..1]	CodeSet		1133
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1133
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1133
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1134
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1134
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1135
	SaleContext <SaleCntxt>	[0..1]			1135
	SaleIdentification <SaleId>	[0..1]	Text		1136
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1136
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1137
	CashierIdentification <CshrId>	[0..1]	Text		1137

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1137
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1137
	InvoiceNumber <InvcNb>	[0..1]	Text		1137
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1138
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1138
	CommonName <CmonNm>	[1..1]	Text		1138
	Address <Adr>	[0..1]	Text		1138
	CountryCode <CtryCd>	[1..1]	CodeSet		1138
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1138
	RegisteredIdentifier <Regldr>	[1..1]	Text		1138
	SplitPayment <SpltPmt>	[0..1]	Indicator		1139
	RemainingAmount <RmngAmt>	[0..1]	Amount		1139
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1139
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1139
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1139
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1140
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1140
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1140
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1141
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1141
	SystemToNotify <SysToNtfy>	[0..1]	Text		1141
	Debtor <Dbtr>	[0..1]	±		1142
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1143
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1143
	Creditor <Cdtr>	[0..1]	±		1143
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1144
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1145
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1145
	Debtor <Dbtr>	[0..1]	±		1146

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1147
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1148
	Creditor <Cdtr>	[0..1]	±		1148
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1149
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1150
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1150
	MandateIdentification <MndtId>	[1..1]	Text		1151
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1151
	MandateImage <MndtImg>	[0..1]	Binary		1151
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1151
	Response <Rspn>	[1..1]	±		1151
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1152
	SecurityTrailer <SctyTrlr>	[0..1]	±		1152

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 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.

9.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

9.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1116
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1117
	ExchangeIdentification <XchgId>	[1..1]	Text		1118
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1118
	InitiatingParty <InitgPty>	[1..1]	±		1118
	RecipientParty <RcptPty>	[0..1]	±		1118
	Traceability <Tracblt>	[0..*]	±		1119

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

9.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

9.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

9.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

9.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

9.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

9.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

9.4.2 AdministrativeResponse <AdmstvRspn>

Presence: [1..1]

Definition: Information related to the response of an administrative request.

AdministrativeResponse <AdmstvRspn> contains the following **AdministrativeResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1122
	Context <Cntxt>	[1..1]		C9	1128
	PaymentContext <PmtCntxt>	[0..1]			1131
	CardPresent <CardPres>	[0..1]	Indicator		1131
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1131
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1132
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1132
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1132
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1132
	BusinessArea <BizArea>	[0..1]	CodeSet		1133
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1133
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1133
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1134
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1134
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1135
	SaleContext <SaleCntxt>	[0..1]			1135
	SaleIdentification <SaleId>	[0..1]	Text		1136
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1136
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1137
	CashierIdentification <CshrlId>	[0..1]	Text		1137
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1137
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1137
	InvoiceNumber <InvNb>	[0..1]	Text		1137
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1138
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1138
	CommonName <CmonNm>	[1..1]	Text		1138
	Address <Adr>	[0..1]	Text		1138
	CountryCode <CtryCd>	[1..1]	CodeSet		1138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1138
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1138
	SplitPayment <Spltpmt>	[0..1]	Indicator		1139
	RemainingAmount <RmngAmt>	[0..1]	Amount		1139
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1139
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1139
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1139
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1140
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1140
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1140
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1141
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1141
	SystemToNotify <SysToNtfy>	[0..1]	Text		1141
	Debtor <Dbtr>	[0..1]	±		1142
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1143
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1143
	Creditor <Cdtr>	[0..1]	±		1143
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1144
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1145
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1145
	Debtor <Dbtr>	[0..1]	±		1146
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1147
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1148
	Creditor <Cdtr>	[0..1]	±		1148
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1149
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1150
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1150
	MandateIdentification <MndtId>	[1..1]	Text		1151
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1151
	MandateImage <MndtImg>	[0..1]	Binary		1151
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1151

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1151
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1152

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <BklId>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

9.4.2.2 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]			1131
	CardPresent <CardPres>	[0..1]	Indicator		1131
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1131
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1132
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1132
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1132
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1132
	BusinessArea <BizArea>	[0..1]	CodeSet		1133
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1133
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1133
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1134
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1134
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1135
	SaleContext <SaleCntxt>	[0..1]			1135
	SaleIdentification <SaleId>	[0..1]	Text		1136
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1136
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1137
	CashierIdentification <CshrId>	[0..1]	Text		1137
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1137
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1137
	InvoiceNumber <InvNb>	[0..1]	Text		1137
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1138
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1138
	CommonName <CmonNm>	[1..1]	Text		1138
	Address <Adr>	[0..1]	Text		1138
	CountryCode <CtryCd>	[1..1]	CodeSet		1138
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1138
	RegisteredIdentifier <Regldr>	[1..1]	Text		1138
	SplitPayment <Spltpmt>	[0..1]	Indicator		1139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1139
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1139
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1139
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1139
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1140
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1140
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1140
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1141
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1141
	SystemToNotify <SysToNtfy>	[0..1]	Text		1141
	Debtor <Dbtr>	[0..1]	±		1142
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1143
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1143
	Creditor <Cdtr>	[0..1]	±		1143
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1144
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1145
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1145
	Debtor <Dbtr>	[0..1]	±		1146
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1147
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1148
	Creditor <Cdtr>	[0..1]	±		1148
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1149
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1150
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1150
	MandateIdentification <MndtId>	[1..1]	Text		1151
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1151
	MandateImage <MndtImg>	[0..1]	Binary		1151
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1151

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

9.4.2.2.1 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		1131
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1131
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1132
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1132
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1132
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1132
	BusinessArea <BizArea>	[0..1]	CodeSet		1133
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1133
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1133
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1134
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1134
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1135

9.4.2.2.1.1 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 2406):

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

9.4.2.2.1.2 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 2406):

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

9.4.2.2.1.3 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 2406):

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

9.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

9.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

9.4.2.2.1.6 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 2400

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.

9.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

9.4.2.2.1.8 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 2406):

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

9.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

9.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

9.4.2.2.1.11 FallbackIndicator <FlIbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

9.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

9.4.2.2.2 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		1136
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1136
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1137
	CashierIdentification <CshrId>	[0..1]	Text		1137
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1137
	ShiftNumber <ShftNb>	[0..1]	Text		1137
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1137
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1137
	InvoiceNumber <InvcNb>	[0..1]	Text		1137
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1138
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1138
	CommonName <CmonNm>	[1..1]	Text		1138
	Address <Adr>	[0..1]	Text		1138
	CountryCode <CtryCd>	[1..1]	CodeSet		1138
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1138
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1138
	SplitPayment <Spltpmt>	[0..1]	Indicator		1139
	RemainingAmount <RmngAmt>	[0..1]	Amount		1139
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1139
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1139
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1139
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1140
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1140

9.4.2.2.2.1 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 2411

9.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

9.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

9.4.2.2.2.7 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 2406):

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

9.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

9.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

9.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.2.11 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		1138
	Address <Adr>	[0..1]	Text		1138
	CountryCode <CtryCd>	[1..1]	CodeSet		1138
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1138
	RegisteredIdentifier <Regldr>	[1..1]	Text		1138

9.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

9.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

9.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

9.4.2.2.2.11.4 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 2414

9.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.2.12 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 2406):

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

9.4.2.2.2.13 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 2332

9.4.2.2.2.14 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 2406):

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

9.4.2.2.2.15 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 2406):

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

9.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

9.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

9.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

9.4.2.2.3 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		1141
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1141
	SystemToNotify <SysToNtfy>	[0..1]	Text		1141
	Debtor <Dbtr>	[0..1]	±		1142
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1143
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1143
	Creditor <Cdtr>	[0..1]	±		1143
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1144
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1145

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

9.4.2.2.3.1 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 2406):

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

9.4.2.2.3.2 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 2406):

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

9.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

9.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

9.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

9.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

9.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

9.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

9.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

9.4.2.2.4 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]	±		1146
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1147
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1148
	Creditor <Cdtr>	[0..1]	±		1148
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1149
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1150
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1150
	MandateIdentification <MndtId>	[1..1]	Text		1151
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1151
	MandateImage <MndtImg>	[0..1]	Binary		1151
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1151

9.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer </Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer </Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

9.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

9.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

9.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

9.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

9.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

9.4.2.2.4.7 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		1151
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1151
	MandateImage <MndtImg>	[0..1]	Binary		1151
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1151

9.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

9.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

9.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

9.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

9.4.2.3 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

9.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

9.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

10 casp.009.001.07 SaleToPOIReportRequestV07

10.1 MessageDefinition Functionality

The SaleToPOIReportRequest message is sent by sale system to request a report service.

Outline

The SaleToPOIReportRequestV07 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.

10.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIRptReq>	[1..1]			
	Header <Hdr>	[1..1]			1158
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1158
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1159
	ExchangeIdentification <XchgId>	[1..1]	Text		1159
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1159
	InitiatingParty <InitgPty>	[1..1]	±		1160
	RecipientParty <RcptPty>	[0..1]	±		1160
	Traceability <Tracblt>	[0..*]	±		1161
	ReportRequest <RptReq>	[1..1]			1161
	Environment <Envt>	[1..1]	±	C8	1164
	Context <Cntxt>	[1..1]		C9	1170
	PaymentContext <PmtCntxt>	[0..1]			1173
	CardPresent <CardPres>	[0..1]	Indicator		1173
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1173
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1174
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1174
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1174
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1174
	BusinessArea <BizArea>	[0..1]	CodeSet		1175
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1175
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1175
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1176
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1176
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1177
	SaleContext <SaleCntxt>	[0..1]			1177
	SaleIdentification <SaleId>	[0..1]	Text		1178
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1178
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1179
	CashierIdentification <CshrlId>	[0..1]	Text		1179

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1179
	ShiftNumber <ShftNb>	[0..1]	Text		1179
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1179
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1179
	InvoiceNumber <InvcNb>	[0..1]	Text		1179
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1180
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1180
	CommonName <CmonNm>	[1..1]	Text		1180
	Address <Adr>	[0..1]	Text		1180
	CountryCode <CtryCd>	[1..1]	CodeSet		1180
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1180
	RegisteredIdentifier <Regldr>	[1..1]	Text		1180
	SplitPayment <Spltpmt>	[0..1]	Indicator		1181
	RemainingAmount <RmngAmt>	[0..1]	Amount		1181
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1181
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1181
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1181
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1182
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1182
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1182
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1183
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1183
	SystemToNotify <SysToNtfy>	[0..1]	Text		1183
	Debtor <Dbtr>	[0..1]	±		1184
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1185
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1185
	Creditor <Cdtr>	[0..1]	±		1185
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1186
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1187
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1187
	Debtor <Dbtr>	[0..1]	±		1188

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1189
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1190
	Creditor <Cdtr>	[0..1]	±		1190
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1191
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1192
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1192
	MandateIdentification <MndtId>	[1..1]	Text		1193
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1193
	MandateImage <MndtImg>	[0..1]	Binary		1193
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1193
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1193
	ReportTransactionRequest <RptTxReq>	[0..1]			1194
	SearchCriteria <SchCrit>	[1..*]			1194
	SearchOr <SchOr>	[1..*]			1195
	SearchAnd <SchAnd>	[1..*]			1195
	Target <Trgt>	[1..1]	Text		1195
	Operator <Optr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1196
	CriteriaOrder <CritOrdr>	[1..*]			1196
	Target <Trgt>	[1..1]	Text		1196
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1196
	BlockStart <BlckStart>	[0..1]	Quantity		1197
	BlockStop <BlckStop>	[0..1]	Quantity		1197
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1197
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1197
	TotalFilter <TtlFltr>	[0..1]			1198
	POIIdentification <POIId>	[0..1]	Text		1198
	SaleIdentification <SaleId>	[0..1]	Text		1198
	CashierIdentification <CshrId>	[0..1]	Text		1198
	ShiftNumber <ShftNb>	[0..1]	Text		1198

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalsGroupIdentification <TtlsGrpld>	[0..1]	Text		1198
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1199
	SecurityTrailer <SctyTrlr>	[0..1]	±		1199

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 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.

10.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

10.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1158
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1159
	Exchangeldentification <Xchgld>	[1..1]	Text		1159
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1159
	InitiatingParty <InitgPty>	[1..1]	±		1160
	RecipientParty <RcptPty>	[0..1]	±		1160
	Traceability <Tracblt>	[0..*]	±		1161

10.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display,

CodeName	Name	Definition
		Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

10.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

10.4.1.3 ExchangelIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

10.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

10.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

10.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

10.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

10.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1164
	Context <Cntxt>	[1..1]		C9	1170
	PaymentContext <PmtCntxt>	[0..1]			1173
	CardPresent <CardPres>	[0..1]	Indicator		1173
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1173
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1174
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1174
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1174
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1174
	BusinessArea <BizArea>	[0..1]	CodeSet		1175
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1175
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1175
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1176
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1176
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1177
	SaleContext <SaleCntxt>	[0..1]			1177
	SaleIdentification <SaleId>	[0..1]	Text		1178
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1178
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1179
	CashierIdentification <CshrId>	[0..1]	Text		1179
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1179
	ShiftNumber <ShftNb>	[0..1]	Text		1179
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1179
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1179
	InvoiceNumber <InvNb>	[0..1]	Text		1179
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1180
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1180
	CommonName <CmonNm>	[1..1]	Text		1180
	Address <Adr>	[0..1]	Text		1180
	CountryCode <CtryCd>	[1..1]	CodeSet		1180
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1180

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdId>	[1..1]	Text		1180
	SplitPayment <SplitPmt>	[0..1]	Indicator		1181
	RemainingAmount <RmngAmt>	[0..1]	Amount		1181
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1181
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1181
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1181
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1182
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1182
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1182
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1183
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1183
	SystemToNotify <SysToNtfy>	[0..1]	Text		1183
	Debtor <Dbtr>	[0..1]	±		1184
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1185
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1185
	Creditor <Cdtr>	[0..1]	±		1185
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1186
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1187
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1187
	Debtor <Dbtr>	[0..1]	±		1188
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1189
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1190
	Creditor <Cdtr>	[0..1]	±		1190
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1191
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1192
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1192
	MandateIdentification <MndtId>	[1..1]	Text		1193
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1193
	MandateImage <MndtImg>	[0..1]	Binary		1193
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1193
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionRequest <RptTxReq>	[0..1]			1194
	SearchCriteria <SchCrit>	[1..*]			1194
	SearchOr <SchOr>	[1..*]			1195
	SearchAnd <SchAnd>	[1..*]			1195
	Target <Trgt>	[1..1]	Text		1195
	Operator <Oprr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1196
	CriteriaOrder <CritOrdr>	[1..*]			1196
	Target <Trgt>	[1..1]	Text		1196
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1196
	BlockStart <BlckStart>	[0..1]	Quantity		1197
	BlockStop <BlckStop>	[0..1]	Quantity		1197
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1197
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1197
	TotalFilter <TtlFiltr>	[0..1]			1198
	POIIdentification <POIId>	[0..1]	Text		1198
	SaleIdentification <SaleId>	[0..1]	Text		1198
	CashierIdentification <CshrlId>	[0..1]	Text		1198
	ShiftNumber <ShftNb>	[0..1]	Text		1198
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1198
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1199

10.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <BklId>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

10.4.2.2 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]			1173
	CardPresent <CardPres>	[0..1]	Indicator		1173
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1173
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1174
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1174
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1174
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1174
	BusinessArea <BizArea>	[0..1]	CodeSet		1175
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1175
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1175
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1176
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1176
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1177
	SaleContext <SaleCntxt>	[0..1]			1177
	SaleIdentification <SaleId>	[0..1]	Text		1178
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1178
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1179
	CashierIdentification <CshrId>	[0..1]	Text		1179
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1179
	ShiftNumber <ShftNb>	[0..1]	Text		1179
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1179
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1179
	InvoiceNumber <InvNb>	[0..1]	Text		1179
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1180
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1180
	CommonName <CmonNm>	[1..1]	Text		1180
	Address <Adr>	[0..1]	Text		1180
	CountryCode <CtryCd>	[1..1]	CodeSet		1180
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1180
	RegisteredIdentifier <Regldr>	[1..1]	Text		1180
	SplitPayment <Spltpmt>	[0..1]	Indicator		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1181
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1181
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1181
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1181
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1182
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1182
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1182
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1183
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1183
	SystemToNotify <SysToNtfy>	[0..1]	Text		1183
	Debtor <Dbtr>	[0..1]	±		1184
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1185
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1185
	Creditor <Cdtr>	[0..1]	±		1185
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1186
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1187
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1187
	Debtor <Dbtr>	[0..1]	±		1188
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1189
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1190
	Creditor <Cdtr>	[0..1]	±		1190
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1191
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1192
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1192
	MandateIdentification <Mndtld>	[1..1]	Text		1193
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1193
	MandateImage <Mndtlmg>	[0..1]	Binary		1193
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1193

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

10.4.2.2.1 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		1173
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1173
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1174
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1174
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1174
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1174
	BusinessArea <BizArea>	[0..1]	CodeSet		1175
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1175
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1175
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1176
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1176
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1177

10.4.2.2.1.1 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 2406):

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

10.4.2.2.1.2 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 2406):

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

10.4.2.2.1.3 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 2406):

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

10.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

10.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

10.4.2.2.1.6 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 2400

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.

10.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

10.4.2.2.1.8 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 2406):

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

10.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

10.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

10.4.2.2.1.11 FallbackIndicator <FlfbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

10.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

10.4.2.2.2 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		1178
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1178
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1179
	CashierIdentification <CshrId>	[0..1]	Text		1179
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1179
	ShiftNumber <ShftNb>	[0..1]	Text		1179
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1179
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1179
	InvoiceNumber <InvcNb>	[0..1]	Text		1179
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1180
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1180
	CommonName <CmonNm>	[1..1]	Text		1180
	Address <Adr>	[0..1]	Text		1180
	CountryCode <CtryCd>	[1..1]	CodeSet		1180
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1180
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1180
	SplitPayment <Spltpmt>	[0..1]	Indicator		1181
	RemainingAmount <RmngAmt>	[0..1]	Amount		1181
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1181
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1181
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1181
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1182
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1182

10.4.2.2.2.1 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 2411

10.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

10.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

10.4.2.2.2.7 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 2406):

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

10.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

10.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

10.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.2.11 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		1180
	Address <Adr>	[0..1]	Text		1180
	CountryCode <CtryCd>	[1..1]	CodeSet		1180
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1180
	RegisteredIdentifier <Regldr>	[1..1]	Text		1180

10.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

10.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

10.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

10.4.2.2.2.11.4 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 2414

10.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.2.12 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 2406):

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

10.4.2.2.2.13 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 2332

10.4.2.2.2.14 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 2406):

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

10.4.2.2.2.15 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 2406):

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

10.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

10.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

10.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

10.4.2.2.3 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		1183
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1183
	SystemToNotify <SysToNtfy>	[0..1]	Text		1183
	Debtor <Dbtr>	[0..1]	±		1184
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1185
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1185
	Creditor <Cdtr>	[0..1]	±		1185
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1186
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1187

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

10.4.2.2.3.1 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 2406):

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

10.4.2.2.3.2 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 2406):

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

10.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

10.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

10.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

10.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

10.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

10.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

10.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

10.4.2.2.4 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]	±		1188
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1189
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1190
	Creditor <Cdtr>	[0..1]	±		1190
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1191
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1192
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1192
	MandateIdentification <MndtId>	[1..1]	Text		1193
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1193
	MandateImage <MndtImg>	[0..1]	Binary		1193
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1193

10.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

10.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

10.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

10.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

10.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

10.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

10.4.2.2.4.7 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		1193
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1193
	MandateImage <MndtImg>	[0..1]	Binary		1193
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1193

10.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

10.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

10.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

10.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 2392

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.

10.4.2.4 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..*]			1194
	SearchOr <SchOr>	[1..*]			1195
	SearchAnd <SchAnd>	[1..*]			1195
	Target <Trgt>	[1..1]	Text		1195
	Operator <Oprr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1196
	CriteriaOrder <CritOrdr>	[1..*]			1196
	Target <Trgt>	[1..1]	Text		1196
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1196
	BlockStart <BlckStart>	[0..1]	Quantity		1197
	BlockStop <BlckStop>	[0..1]	Quantity		1197

10.4.2.4.1 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..*]			1195
	SearchAnd <SchAnd>	[1..*]			1195
	Target <Trgt>	[1..1]	Text		1195
	Operator <Oprtr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196

10.4.2.4.1.1 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..*]			1195
	Target <Trgt>	[1..1]	Text		1195
	Operator <Oprtr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196

10.4.2.4.1.1.1 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		1195
	Operator <Oprtr>	[1..1]	CodeSet		1195
	Value <Val>	[1..1]	Text		1196

10.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2412

10.4.2.4.1.1.1.2 Operator <Oprtr>

Presence: [1..1]

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

Datatype: "Operator1Code" on page 2374

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.

10.4.2.4.1.1.3 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 2412

10.4.2.4.2 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..*]			1196
	Target <Trgt>	[1..1]	Text		1196

10.4.2.4.2.1 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		1196

10.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2412

10.4.2.4.3 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 2406):

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

10.4.2.4.4 BlockStart <BlckStart>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

10.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2406

10.4.2.5 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		1197
	TotalFilter <TtlFltr>	[0..1]			1198
	POIIdentification <POIID>	[0..1]	Text		1198
	SaleIdentification <SaleId>	[0..1]	Text		1198
	CashierIdentification <CshrlId>	[0..1]	Text		1198
	ShiftNumber <ShftNb>	[0..1]	Text		1198
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1198

10.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 2399

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.

10.4.2.5.2 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		1198
	SaleIdentification <SaleId>	[0..1]	Text		1198
	CashierIdentification <CshrlId>	[0..1]	Text		1198
	ShiftNumber <ShftNb>	[0..1]	Text		1198
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1198

10.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2411

10.4.2.5.2.2 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 2411

10.4.2.5.2.3 CashierIdentification <CshrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

10.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 2411

10.4.2.5.2.5 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 2411

10.4.2.6 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

10.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

11 casp.010.001.07 SaleToPOIReportResponseV07

11.1 MessageDefinition Functionality

This SaleToPOIReportResponse message is sent by a POI to provide the report previously expected by a sale system.

Outline

The SaleToPOIReportResponseV07 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.

11.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIRptRspn>	[1..1]			
	Header <Hdr>	[1..1]			1221
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1221
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1222
	ExchangeIdentification <XchgId>	[1..1]	Text		1222
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1222
	InitiatingParty <InitgPty>	[1..1]	±		1222
	RecipientParty <RcptPty>	[0..1]	±		1223
	Traceability <Tracblt>	[0..*]	±		1224
	ReportResponse <RptRspn>	[1..1]			1224
	Environment <Envt>	[1..1]	±	C9	1243
	Context <Cntxt>	[1..1]		C10	1249
	PaymentContext <PmtCntxt>	[0..1]			1252
	CardPresent <CardPres>	[0..1]	Indicator		1252
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1252
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1253
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1253
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1253
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1253
	BusinessArea <BizArea>	[0..1]	CodeSet		1254
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1254
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1254
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1255
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1255
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1256
	SaleContext <SaleCntxt>	[0..1]			1256
	SaleIdentification <SaleId>	[0..1]	Text		1257
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1257
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1258
	CashierIdentification <CshrlId>	[0..1]	Text		1258

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1258
	ShiftNumber <ShftNb>	[0..1]	Text		1258
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1258
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1258
	InvoiceNumber <InvcNb>	[0..1]	Text		1258
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1259
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1259
	CommonName <CmonNm>	[1..1]	Text		1259
	Address <Adr>	[0..1]	Text		1259
	CountryCode <CtryCd>	[1..1]	CodeSet		1259
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1259
	RegisteredIdentifier <Regldr>	[1..1]	Text		1259
	SplitPayment <Spltpmt>	[0..1]	Indicator		1260
	RemainingAmount <RmngAmt>	[0..1]	Amount		1260
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1260
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1260
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1260
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1261
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1261
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1261
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1262
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1262
	SystemToNotify <SysToNtfy>	[0..1]	Text		1262
	Debtor <Dbtr>	[0..1]	±		1263
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1264
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1264
	Creditor <Cdtr>	[0..1]	±		1264
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1265
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1266
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1266
	Debtor <Dbtr>	[0..1]	±		1267

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1268
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1269
	Creditor <Cdtr>	[0..1]	±		1269
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1270
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1271
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1271
	MandateIdentification <MndtId>	[1..1]	Text		1272
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1272
	MandateImage <MndtImg>	[0..1]	Binary		1272
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1272
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1272
	ReportTransactionResponse <RptTxRspn>	[0..1]			1273
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1289
	BlockStart <BlckStart>	[1..1]	Quantity		1289
	BlockStop <BlckStop>	[1..1]	Quantity		1289
	TransactionReport <TxRpt>	[0..*]			1289
	Environment <Envnt>	[1..1]	±	C9	1305
	Context <Cntxt>	[1..1]		C10	1311
	PaymentContext <PmtCntxt>	[0..1]			1314
	CardPresent <CardPres>	[0..1]	Indicator		1314
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1318

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleContext <SaleCntxt>	[0..1]			1318
	SaleIdentification <SaleId>	[0..1]	Text		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1320
	InvoiceNumber <InvNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1321
	SplitPayment <Spltpmt>	[0..1]	Indicator		1322
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1323
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1326

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1328
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1328
	Debtor <Dbtr>	[0..1]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1334
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1334
	PaymentResponse <PmtRspn>	[0..1]			1335
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1336
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1337
	POITransactionIdentification <POITxId>	[1..1]	±		1337
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1337
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1337
	PaymentReceipt <PmtRct>	[0..*]	±		1344
	LoyaltyResult <LltyRslt>	[0..*]			1345
	Account <Acct>	[1..1]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvlCd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLbl>	[0..1]	Text		1348
	SaleItemRebate <SaleitmRbt>	[0..*]			1348
	SaleItem <Saleitm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349
	CustomerOrder <CstmrOrd>	[0..*]	±		1349
	ReversalResponse <RvslRspn>	[0..1]			1350
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1355
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1355
	POITransactionIdentification <POITxId>	[1..1]	±		1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1356
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1356
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIID>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtDtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrd>	[0..*]	±		1407
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1407

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Receipt <Rct>	[0..*]	±		1408
	BalanceInquiryResponse <BalInqryRspn>	[0..1]			1408
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1409
	POITransactionIdentification <POITxId>	[0..1]	±		1409
	PaymentAccount <PmtAcct>	[0..1]			1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410
	LoyaltyAccount <LltyAcct>	[0..1]	±		1411
	StoredValueAccount <StordValAcct>	[0..*]			1411
	AccountType <AcctTp>	[0..1]	CodeSet		1412
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415
	Receipt <Rct>	[0..*]	±		1415
	LoyaltyResponse <LltyRspn>	[0..1]			1415
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1416
	POITransactionIdentification <POITxId>	[1..1]	±		1416
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		1417
	Result <Rslt>	[0..*]			1417
	Account <Acct>	[1..1]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1419
	ApprovalCode <ApprvICd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLbl>	[0..1]	Text		1420
	SaleItemRebate <SaleitmRbt>	[0..*]			1420
	SaleItem <Saleitm>	[1..1]	±		1421
	RebateLabel <RbtLbl>	[0..1]	Text		1421
	StoredValueResponse <StordValRspn>	[0..1]			1421
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1427
	POITransactionIdentification <POITxId>	[1..1]	±		1427
	Result <RsIt>	[0..*]			1427
	Provider <Prvdr>	[0..1]	Text		1432
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrtctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrd>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482
	Currency <Ccy>	[0..1]	CodeSet	C1	1482
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483
	Receipt <Rct>	[0..*]	±		1483
	BatchResponse <BtchRspn>	[0..1]			1483
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1484
	POIBatchIdentification <POIBtchId>	[0..1]	±		1485
	PerformedTransaction <PrfrmdTx>	[0..*]			1485
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRslt>	[0..1]	±		1487
	LoyaltyResult <LltyRslt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvlCd>	[0..1]	Text		1497

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleitmRbt>	[0..*]			1498
	SaleItem <Saleitm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1500
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1500
	POITransactionIdentification <POITxId>	[1..1]	±		1500
	PaymentBrand <PmtBrnd>	[0..*]	Text		1500
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1501
	LoyaltyAccount <LtyAcct>	[0..*]	±		1501
	CustomerOrder <CstmrOrd>	[0..*]	±		1501
	Response <Rspn>	[1..1]	±		1502
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1502
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1503
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1505
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1505
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1507
	AcquirerIdentification <Acqrld>	[0..1]	Text		1507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1507
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1507
	Brand <Brnd>	[0..1]	Text		1508
	POIIdentification <POIID>	[0..1]	Text		1508
	SaleIdentification <SaleId>	[0..1]	Text		1508
	CashierIdentification <CshrlId>	[0..1]	Text		1508
	ShiftNumber <ShftNb>	[0..1]	Text		1508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1508

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		1508
	Address <Adr>	[0..1]	Text		1509
	CountryCode <CtryCd>	[1..1]	CodeSet		1509
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1509
	RegisteredIdentifier <Regldr>	[1..1]	Text		1509
	TransactionTotal <TxTtl>	[1..1]			1509
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1509
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1510
	Currency <Ccy>	[0..1]	CodeSet	C1	1510
	Type <Tp>	[1..1]	CodeSet		1510
	TotalNumber <TtlNb>	[1..1]	Quantity		1510
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1511
	DetailedAmount <DtldAmt>	[0..1]	±		1511
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1511
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1511
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1512
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	TransactionType <TxTp>	[1..1]	CodeSet		1512
	TotalNumber <TtlNb>	[1..1]	Quantity		1513
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1513
	DetailedAmount <DtldAmt>	[0..1]	±		1513
	Response <Rspn>	[1..1]	±		1513
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1514
	SecurityTrailer <SctyTrlr>	[0..1]	±		1514

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 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.

11.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

11.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1221
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1222
	ExchangeIdentification <XchgId>	[1..1]	Text		1222
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1222
	InitiatingParty <InitgPty>	[1..1]	±		1222
	RecipientParty <RcptPty>	[0..1]	±		1223
	Traceability <Tracblt>	[0..*]	±		1224

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.

CodeName	Name	Definition
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

11.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

11.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

11.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2404

11.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

11.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

11.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

11.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1243
	Context <Cntxt>	[1..1]		C10	1249
	PaymentContext <PmtCntxt>	[0..1]			1252
	CardPresent <CardPres>	[0..1]	Indicator		1252
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1252
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1253
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1253
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1253
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1253
	BusinessArea <BizArea>	[0..1]	CodeSet		1254
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1254
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1254
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1255
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1255
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1256
	SaleContext <SaleCntxt>	[0..1]			1256
	SaleIdentification <SaleId>	[0..1]	Text		1257
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1257
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1258
	CashierIdentification <CshrId>	[0..1]	Text		1258
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1258
	ShiftNumber <ShftNb>	[0..1]	Text		1258
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1258
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1258
	InvoiceNumber <InvNb>	[0..1]	Text		1258
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1259
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1259
	CommonName <CmonNm>	[1..1]	Text		1259
	Address <Adr>	[0..1]	Text		1259
	CountryCode <CtryCd>	[1..1]	CodeSet		1259
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1259

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1259
	SplitPayment <SpltPmt>	[0..1]	Indicator		1260
	RemainingAmount <RmngAmt>	[0..1]	Amount		1260
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1260
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1260
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1260
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1261
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1261
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1261
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1262
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1262
	SystemToNotify <SysToNtfy>	[0..1]	Text		1262
	Debtor <Dbtr>	[0..1]	±		1263
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1264
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1264
	Creditor <Cdtr>	[0..1]	±		1264
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1265
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1266
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1266
	Debtor <Dbtr>	[0..1]	±		1267
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1268
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1269
	Creditor <Cdtr>	[0..1]	±		1269
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1270
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1271
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1271
	MandateIdentification <MndtId>	[1..1]	Text		1272
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1272
	MandateImage <MndtImg>	[0..1]	Binary		1272
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1272
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1272

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionResponse <RptTxRspn>	[0..1]			1273
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1289
	BlockStart <BlckStart>	[1..1]	Quantity		1289
	BlockStop <BlckStop>	[1..1]	Quantity		1289
	TransactionReport <TxRpt>	[0..*]			1289
	Environment <Envt>	[1..1]	±	C9	1305
	Context <Cntxt>	[1..1]		C10	1311
	PaymentContext <PmtCntxt>	[0..1]			1314
	CardPresent <CardPres>	[0..1]	Indicator		1314
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1318
	SaleContext <SaleCntxt>	[0..1]			1318
	SaleIdentification <SaleId>	[0..1]	Text		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1320
	InvoiceNumber <InvNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <RegldId>	[1..1]	Text		1321
	SplitPayment <Spltpmt>	[0..1]	Indicator		1322
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1323
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1326
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1328
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1328
	Debtor <Dbtr>	[0..1]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1334
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1334
	PaymentResponse <PmtRspn>	[0..1]			1335
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1336
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1337
	POITransactionIdentification <POITxId>	[1..1]	±		1337
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1337
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1337
	PaymentReceipt <PmtRct>	[0..*]	±		1344
	LoyaltyResult <LltyRslt>	[0..*]			1345
	Account <Acct>	[1..1]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvICd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLbl>	[0..1]	Text		1348
	SaleItemRebate <SaleItmRbt>	[0..*]			1348
	SaleItem <SaleItm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349
	CustomerOrder <CstmrOrd>	[0..*]	±		1349

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalResponse <RvsIRspn>	[0..1]			1350
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1355
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1355
	POITransactionIdentification <POITxId>	[1..1]	±		1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1356
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1356
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIId>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcm1>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <ApblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcmg>	[0..1]	±		1399
	AggregationTransaction <AggtnTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrdr>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrdr>	[0..*]	±		1407
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1407
	Receipt <Rct>	[0..*]	±		1408
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1408
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1409
	POITransactionIdentification <POITxId>	[0..1]	±		1409
	PaymentAccount <PmtAcct>	[0..1]			1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410
	LoyaltyAccount <LltyAcct>	[0..1]	±		1411
	StoredValueAccount <StordValAcct>	[0..*]			1411
	AccountType <AcctTp>	[0..1]	CodeSet		1412

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415
	Receipt <Rct>	[0..*]	±		1415
	LoyaltyResponse <LtyRspn>	[0..1]			1415
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1416
	POITransactionIdentification <POITxId>	[1..1]	±		1416
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1417
	Result <Rslt>	[0..*]			1417
	Account <Acct>	[1..1]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1419
	ApprovalCode <ApprvlCd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLbl>	[0..1]	Text		1420
	SaleItemRebate <SaleitmRbt>	[0..*]			1420
	SaleItem <Saleitm>	[1..1]	±		1421
	RebateLabel <RbtLbl>	[0..1]	Text		1421

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1421
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1427
	POITransactionIdentification <POITxId>	[1..1]	±		1427
	Result <Rslt>	[0..*]			1427
	Provider <Prvdr>	[0..1]	Text		1432
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCapt>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstm>	[0..*]	CodeSet		1441
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcm1>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcm1>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtDtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcmg>	[0..1]	±		1474
	AggregationTransaction <AggtnTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrtctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrd>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1482
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483
	Receipt <Rct>	[0..*]	±		1483
	BatchResponse <BtchRspn>	[0..1]			1483
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1484
	POIBatchIdentification <POIBtchId>	[0..1]	±		1485
	PerformedTransaction <PrfrmdTx>	[0..*]			1485
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRslt>	[0..1]	±		1487
	LoyaltyResult <LtyRslt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvICd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleItmRbt>	[0..*]			1498
	SaleItem <SaleItm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1500
	POITransactionIdentification <POITxId>	[1..1]	±		1500
	PaymentBrand <PmtBrnd>	[0..*]	Text		1500
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1501
	LoyaltyAccount <LltyAcct>	[0..*]	±		1501
	CustomerOrder <CstmrOrd>	[0..*]	±		1501
	Response <Rspn>	[1..1]	±		1502
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1502
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1503
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1505
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1505
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1507
	AcquirerIdentification <AcqrrId>	[0..1]	Text		1507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1507
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1507
	Brand <Brnd>	[0..1]	Text		1508
	POIIdentification <POIId>	[0..1]	Text		1508
	SaleIdentification <SaleId>	[0..1]	Text		1508
	CashierIdentification <CshrlId>	[0..1]	Text		1508
	ShiftNumber <ShftNb>	[0..1]	Text		1508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1508
	CommonName <CmonNm>	[1..1]	Text		1508
	Address <Adr>	[0..1]	Text		1509
	CountryCode <CtryCd>	[1..1]	CodeSet		1509
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1509
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1509
	TransactionTotal <TxTtl>	[1..1]			1509
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1509
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1510
	Currency <Ccy>	[0..1]	CodeSet	C1	1510
	Type <Tp>	[1..1]	CodeSet		1510

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalNumber <TtlNb>	[1..1]	Quantity		1510
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1511
	DetailedAmount <DtldAmt>	[0..1]	±		1511
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1511
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1511
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1512
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	TransactionType <TxTp>	[1..1]	CodeSet		1512
	TotalNumber <TtlNb>	[1..1]	Quantity		1513
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1513
	DetailedAmount <DtldAmt>	[0..1]	±		1513
	Response <Rspn>	[1..1]	±		1513
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1514

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhdldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.2 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]			1252
	CardPresent <CardPres>	[0..1]	Indicator		1252
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1252
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1253
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1253
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1253
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1253
	BusinessArea <BizArea>	[0..1]	CodeSet		1254
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1254
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1254
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1255
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1255
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1256
	SaleContext <SaleCntxt>	[0..1]			1256
	SaleIdentification <SaleId>	[0..1]	Text		1257
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1257
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1258
	CashierIdentification <CshrId>	[0..1]	Text		1258
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1258
	ShiftNumber <ShftNb>	[0..1]	Text		1258
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1258
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1258
	InvoiceNumber <InvNb>	[0..1]	Text		1258
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1259
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1259
	CommonName <CmonNm>	[1..1]	Text		1259
	Address <Adr>	[0..1]	Text		1259
	CountryCode <CtryCd>	[1..1]	CodeSet		1259
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1259
	RegisteredIdentifier <Regldr>	[1..1]	Text		1259
	SplitPayment <SpltPmt>	[0..1]	Indicator		1260

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1260
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1260
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1260
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1260
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1261
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1261
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1261
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1262
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1262
	SystemToNotify <SysToNtfy>	[0..1]	Text		1262
	Debtor <Dbtr>	[0..1]	±		1263
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1264
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1264
	Creditor <Cdtr>	[0..1]	±		1264
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1265
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1266
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1266
	Debtor <Dbtr>	[0..1]	±		1267
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1268
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1269
	Creditor <Cdtr>	[0..1]	±		1269
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1270
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1271
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1271
	MandateIdentification <Mndtld>	[1..1]	Text		1272
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1272
	MandateImage <Mndtlmg>	[0..1]	Binary		1272
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1272

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.2.1 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		1252
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1252
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1253
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1253
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1253
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1253
	BusinessArea <BizArea>	[0..1]	CodeSet		1254
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1254
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1254
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1255
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1255
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1256

11.4.2.2.1.1 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 2406](#)):

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

11.4.2.2.1.2 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 2406](#)):

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

11.4.2.2.1.3 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 2406):

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

11.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

11.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

11.4.2.2.1.6 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 2400

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.

11.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

11.4.2.2.1.8 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 2406):

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

11.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

11.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

11.4.2.2.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

11.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

11.4.2.2.2 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		1257
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1257
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1258
	CashierIdentification <CshrId>	[0..1]	Text		1258
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1258
	ShiftNumber <ShftNb>	[0..1]	Text		1258
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1258
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1258
	InvoiceNumber <InvcNb>	[0..1]	Text		1258
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1259
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1259
	CommonName <CmonNm>	[1..1]	Text		1259
	Address <Adr>	[0..1]	Text		1259
	CountryCode <CtryCd>	[1..1]	CodeSet		1259
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1259
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1259
	SplitPayment <Spltpmt>	[0..1]	Indicator		1260
	RemainingAmount <RmngAmt>	[0..1]	Amount		1260
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1260
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1260
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1260
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1261
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1261

11.4.2.2.2.1 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 2411

11.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

11.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

11.4.2.2.2.7 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 2406):

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

11.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

11.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

11.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.2.11 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		1259
	Address <Adr>	[0..1]	Text		1259
	CountryCode <CtryCd>	[1..1]	CodeSet		1259
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1259
	RegisteredIdentifier <Regldr>	[1..1]	Text		1259

11.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

11.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

11.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

11.4.2.2.2.11.4 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 2414

11.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.2.12 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 2406):

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

11.4.2.2.2.13 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 2332

11.4.2.2.2.14 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 2406):

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

11.4.2.2.2.15 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 2406):

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

11.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

11.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

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

Datatype: "SaleTokenScope1Code" on page 2395

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.

11.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

11.4.2.2.3 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		1262
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1262
	SystemToNotify <SysToNtfy>	[0..1]	Text		1262
	Debtor <Dbtr>	[0..1]	±		1263
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1264
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1264
	Creditor <Cdtr>	[0..1]	±		1264
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1265
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1266

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.2.3.1 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 2406):

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

11.4.2.2.3.2 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 2406):

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

11.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 2408

11.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

11.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.2.4 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]	±		1267
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1268
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1269
	Creditor <Cdtr>	[0..1]	±		1269
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1270
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1271
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1271
	MandateIdentification <MndtId>	[1..1]	Text		1272
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1272
	MandateImage <MndtImg>	[0..1]	Binary		1272
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1272

11.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "[PartyIdentification272](#)" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.2.4.3 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

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

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

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

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.2.4.7 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		1272
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1272
	MandateImage <MndtImg>	[0..1]	Binary		1272
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1272

11.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

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

Datatype: "ISODate" on page 2404

11.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

11.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 2392

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.

11.4.2.4 ReportTransactionResponse <RptTxRspn>

Presence: [0..1]

Definition: Content of the Transaction Report Response message.

ReportTransactionResponse <RptTxRspn> contains the following **ReportTransactionResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1289
	BlockStart <BlckStart>	[1..1]	Quantity		1289
	BlockStop <BlckStop>	[1..1]	Quantity		1289
	TransactionReport <TxRpt>	[0..*]			1289
	Environment <Envt>	[1..1]	±	C9	1305
	Context <Cntxt>	[1..1]		C10	1311
	PaymentContext <PmtCntxt>	[0..1]			1314
	CardPresent <CardPres>	[0..1]	Indicator		1314
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1318
	SaleContext <SaleCntxt>	[0..1]			1318
	SaleIdentification <SaleId>	[0..1]	Text		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrlId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1320
	InvoiceNumber <InvNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1321
	SplitPayment <Spltpmt>	[0..1]	Indicator		1322
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1323
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1326
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1328
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1328
	Debtor <Dbtr>	[0..1]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1334
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1334
	PaymentResponse <PmtRspn>	[0..1]			1335
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1336
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1337
	POITransactionIdentification <POITxId>	[1..1]	±		1337
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1337
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1337
	PaymentReceipt <PmtRct>	[0..*]	±		1344
	LoyaltyResult <LltyRslt>	[0..*]			1345
	Account <Acct>	[1..1]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvlCd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLbl>	[0..1]	Text		1348
	SaleItemRebate <SaleitmRbt>	[0..*]			1348
	SaleItem <Saleitm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349
	CustomerOrder <CstmrOrd>	[0..*]	±		1349

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalResponse <RvsIRspn>	[0..1]			1350
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1355
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1355
	POITransactionIdentification <POITxId>	[1..1]	±		1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1356
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1356
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIId>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtDtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <ApblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtnTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrd>	[0..*]	±		1407
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1407
	Receipt <Rct>	[0..*]	±		1408
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1408
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1409
	POITransactionIdentification <POITxld>	[0..1]	±		1409
	PaymentAccount <PmtAcct>	[0..1]			1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410
	LoyaltyAccount <LltyAcct>	[0..1]	±		1411
	StoredValueAccount <StordValAcct>	[0..*]			1411
	AccountType <AcctTp>	[0..1]	CodeSet		1412

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415
	Receipt <Rct>	[0..*]	±		1415
	LoyaltyResponse <LtyRspn>	[0..1]			1415
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1416
	POITransactionIdentification <POITxId>	[1..1]	±		1416
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		1417
	Result <Rslt>	[0..*]			1417
	Account <Acct>	[1..1]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1419
	ApprovalCode <ApprvICd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcnclnId>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLabl>	[0..1]	Text		1420
	SaleItemRebate <SaleItmRbt>	[0..*]			1420
	SaleItem <SaleItm>	[1..1]	±		1421
	RebateLabel <RbtLabl>	[0..1]	Text		1421

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1421
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1427
	POITransactionIdentification <POITxId>	[1..1]	±		1427
	Result <RsIt>	[0..*]			1427
	Provider <Prvdr>	[0..1]	Text		1432
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtlAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLvltg>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtnTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <SaleItm>	[0..*]	±		1475
	DeliveryLocation <DlrvyLctn>	[0..1]	Text		1476

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrtctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrdr>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482
	Currency <Ccy>	[0..1]	CodeSet	C1	1482

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483
	Receipt <Rct>	[0..*]	±		1483
	BatchResponse <BtchRspn>	[0..1]			1483
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1484
	POIBatchIdentification <POIBtchId>	[0..1]	±		1485
	PerformedTransaction <PrfrmdTx>	[0..*]			1485
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRslt>	[0..1]	±		1487
	LoyaltyResult <LtyRslt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1497
	ApprovalCode <AprvlCd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLabl>	[0..1]	Text		1498
	SaleItemRebate <SaleitmRbt>	[0..*]			1498
	SaleItem <Saleitm>	[1..1]	±		1499
	RebateLabel <RbtLabl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1500
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POITransactionIdentification <POITxId>	[1..1]	±		1500
	PaymentBrand <PmtBrnd>	[0..*]	Text		1500
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1501
	LoyaltyAccount <LtyAcct>	[0..*]	±		1501
	CustomerOrder <CstmrOrd>	[0..*]	±		1501
	Response <Rspn>	[1..1]	±		1502
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1502

11.4.2.4.1 ReportFullSize <RptFullSz>

Presence: [1..1]

Definition: Specifies the total number of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.2 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 2406

11.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

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

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4 TransactionReport <TxRpt>

Presence: [0..*]

Definition: List of Transaction Report containing one Transaction Report for each transaction matching the Search criteria. This list may be partial according to requested block.

TransactionReport <TxRpt> contains the following **ServiceResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1305
	Context <Cntxt>	[1..1]		C10	1311
	PaymentContext <PmtCntxt>	[0..1]			1314
	CardPresent <CardPres>	[0..1]	Indicator		1314
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1318
	SaleContext <SaleCntxt>	[0..1]			1318
	SaleIdentification <SaleId>	[0..1]	Text		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1320
	InvoiceNumber <InvNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1321
	SplitPayment <SpltPmt>	[0..1]	Indicator		1322
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1323
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1326
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1328
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1328
	Debtor <Dbtr>	[0..1]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1334
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1334

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentResponse <PmtRspn>	[0..1]			1335
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1336
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1337
	POITransactionIdentification <POITxId>	[1..1]	±		1337
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1337
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1337
	PaymentReceipt <PmtRct>	[0..*]	±		1344
	LoyaltyResult <LtyRslt>	[0..*]			1345
	Account <Acct>	[1..1]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvlCd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLbl>	[0..1]	Text		1348
	SaleItemRebate <SaleItmRbt>	[0..*]			1348
	SaleItem <SaleItm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349
	CustomerOrder <CstmrOrdr>	[0..*]	±		1349
	ReversalResponse <RvsIRspn>	[0..1]			1350
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1355
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1355
	POITransactionIdentification <POITxId>	[1..1]	±		1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1356
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1356
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnITx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIID>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtnTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrd>	[0..*]	±		1407
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1407
	Receipt <Rct>	[0..*]	±		1408
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1408
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1409
	POITransactionIdentification <POITxId>	[0..1]	±		1409
	PaymentAccount <PmtAcct>	[0..1]			1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410
	LoyaltyAccount <LltyAcct>	[0..1]	±		1411
	StoredValueAccount <StordValAcct>	[0..*]			1411
	AccountType <AcctTp>	[0..1]	CodeSet		1412
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415
	Receipt <Rct>	[0..*]	±		1415
	LoyaltyResponse <LtyRspn>	[0..1]			1415
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1416
	POITransactionIdentification <POITxld>	[1..1]	±		1416
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1417
	Result <Rslt>	[0..*]			1417
	Account <Acct>	[1..1]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		1419
	ApprovalCode <ApprvlCd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLabl>	[0..1]	Text		1420
	SaleItemRebate <SaleItmRbt>	[0..*]			1420
	SaleItem <SaleItm>	[1..1]	±		1421
	RebateLabel <RbtLabl>	[0..1]	Text		1421
	StoredValueResponse <StordValRspn>	[0..1]			1421
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1427
	POITransactionIdentification <POITxld>	[1..1]	±		1427
	Result <Rslt>	[0..*]			1427
	Provider <Prvdr>	[0..1]	Text		1432

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrctcdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrd>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482
	Currency <Ccy>	[0..1]	CodeSet	C1	1482
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483
	Receipt <Rct>	[0..*]	±		1483
	BatchResponse <BtchRspn>	[0..1]			1483
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1484
	POIBatchIdentification <POIBtchId>	[0..1]	±		1485

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PerformedTransaction <PrfrmdTx>	[0..*]			1485
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRsIt>	[0..1]	±		1487
	LoyaltyResult <LtyRsIt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvICd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleItmRbt>	[0..*]			1498
	SaleItem <SaleItm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1500
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1500
	POITransactionIdentification <POITxId>	[1..1]	±		1500
	PaymentBrand <PmtBrnd>	[0..*]	Text		1500
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1501
	LoyaltyAccount <LtyAcct>	[0..*]	±		1501
	CustomerOrder <CstmrOrdr>	[0..*]	±		1501

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1502
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1502

11.4.2.4.4.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhdldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <Drvrld>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScIyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.4.4.2 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]			1314
	CardPresent <CardPres>	[0..1]	Indicator		1314
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1318
	SaleContext <SaleCntxt>	[0..1]			1318
	SaleIdentification <SaleId>	[0..1]	Text		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1320
	InvoiceNumber <InvNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <Regldr>	[1..1]	Text		1321
	SplitPayment <Spltpmt>	[0..1]	Indicator		1322

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1323
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1326
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1328
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1328
	Debtor <Dbtr>	[0..1]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1334

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.4.4.2.1 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		1314
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1314
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1315
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1315
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1315
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1315
	BusinessArea <BizArea>	[0..1]	CodeSet		1316
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1316
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1316
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1317
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1317
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1318

11.4.2.4.4.2.1.1 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 2406):

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

11.4.2.4.4.2.1.2 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 2406):

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

11.4.2.4.4.2.1.3 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 2406):

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

11.4.2.4.4.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

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

Datatype: "AttendanceContext1Code" on page 2346

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.

11.4.2.4.4.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

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

11.4.2.4.4.2.1.6 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 2400

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.

11.4.2.4.4.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

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

Datatype: "BusinessArea2Code" on page 2350

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.

11.4.2.4.4.2.1.8 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 2406):

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

11.4.2.4.4.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

11.4.2.4.4.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

11.4.2.4.4.2.1.11 FallbackIndicator <FlfbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

11.4.2.4.4.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

11.4.2.4.4.2.2 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		1319
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1319
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1320
	CashierIdentification <CshrId>	[0..1]	Text		1320
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1320
	ShiftNumber <ShftNb>	[0..1]	Text		1320
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1320
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1320
	InvoiceNumber <InvcNb>	[0..1]	Text		1320
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1321
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1321
	CommonName <CmonNm>	[1..1]	Text		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1321
	SplitPayment <Spltpmt>	[0..1]	Indicator		1322
	RemainingAmount <RmngAmt>	[0..1]	Amount		1322
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1322
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1322
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1322
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1323
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1323

11.4.2.4.4.2.2.1 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 2411

11.4.2.4.4.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

11.4.2.4.4.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

11.4.2.4.4.2.2.7 CustomerOrderRequestFlag <CstmrOrdRReqFlg>

Presence: [0..1]

Definition: Flag indicating that list of CustomerOrders should be returned in response.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.11 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		1321
	Address <Adr>	[0..1]	Text		1321
	CountryCode <CtryCd>	[1..1]	CodeSet		1321
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1321
	RegisteredIdentifier <Regldr>	[1..1]	Text		1321

11.4.2.4.4.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

11.4.2.4.4.2.2.11.4 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 2414

11.4.2.4.4.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.2.13 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 2332

11.4.2.4.4.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

11.4.2.4.4.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

11.4.2.4.4.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.2.3 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		1324
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1324
	SystemToNotify <SysToNtfy>	[0..1]	Text		1324
	Debtor <Dbtr>	[0..1]	±		1325
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1326
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1326
	Creditor <Cdtr>	[0..1]	±		1326
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1327
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1328

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

11.4.2.4.4.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

11.4.2.4.4.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.4.4.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.4.4.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

11.4.2.4.4.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.4.4.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.4.4.2.3.9 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.2.4 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]	±		1329
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1330
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1331
	Creditor <Cdtr>	[0..1]	±		1331
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1332
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1333
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1333
	MandateIdentification <MndtId>	[1..1]	Text		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1334

11.4.2.4.4.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "[PartyIdentification272](#)" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.4.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.4.4.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

11.4.2.4.4.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

11.4.2.4.4.2.4.6 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.2.4.7 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		1334
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1334
	MandateImage <MndtImg>	[0..1]	Binary		1334
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1334

11.4.2.4.4.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

11.4.2.4.4.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

11.4.2.4.4.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service response.

Datatype: "RetailerService3Code" on page 2391

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.

11.4.2.4.4 PaymentResponse <PmtRspn>

Presence: [0..1]

Definition: Data to respond to a Payment request.

PaymentResponse <PmtRspn> contains the following **PaymentResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1336
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1337
	POITransactionIdentification <POITxId>	[1..1]	±		1337
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1337
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1337
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1337
	PaymentReceipt <PmtRct>	[0..*]	±		1344
	LoyaltyResult <LltyRslt>	[0..*]			1345
	Account <Acct>	[1..1]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvlCd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLabl>	[0..1]	Text		1348
	SaleItemRebate <SaleitmRbt>	[0..*]			1348
	SaleItem <Saleitm>	[1..1]	±		1349
	RebateLabel <RbtLabl>	[0..1]	Text		1349
	CustomerOrder <CstmrOrd>	[0..*]	±		1349

11.4.2.4.4.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1" on page 2125](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.4.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: ["Max35Text" on page 2411](#)

11.4.2.4.4.4.3 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 2125](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.4.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: ["Max35Text" on page 2411](#)

11.4.2.4.4.4.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: ["Max140Text" on page 2409](#)

11.4.2.4.4.4.6 RetailerPaymentResult <RtlrPmtRslt>

Presence: [1..1]

Definition: Data related to the result of a processed payment transaction.

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see
"RetailerPaymentResult7" on page 2133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTxx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2152
	TransactionIdentification <TxId>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrdr>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrd>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

11.4.2.4.4.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

11.4.2.4.4.8 LoyaltyResult <LtyRsIt>

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]	±		1345
	Amount <Amt>	[0..1]			1346
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347
	ServerData <SvrData>	[0..1]			1347
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvICd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348
	Rebates <Rbts>	[0..1]			1348
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLabl>	[0..1]	Text		1348
	SaleItemRebate <SaleItmRbt>	[0..*]			1348
	SaleItem <SaleItm>	[1..1]	±		1349
	RebateLabel <RbtLabl>	[0..1]	Text		1349

11.4.2.4.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

11.4.2.4.4.8.2 Amount <Amt>

Presence: [0..1]

Definition: Amount.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		1346
	Currency <Ccy>	[0..1]	CodeSet	C1	1346
	Amount <Amt>	[1..1]	Amount		1347

11.4.2.4.4.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

11.4.2.4.4.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "[ActiveCurrency](#)"

Datatype: "[ActiveCurrencyCode](#)" on page 2336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1347
	ApprovalCode <ApprvICd>	[0..1]	Text		1347
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1347
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1348

11.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2414

11.4.2.4.4.8.3.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.4.8.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		1348
	RebateLabel <RbtLbl>	[0..1]	Text		1348
	SaleItemRebate <SaleitmRbt>	[0..*]			1348
	SaleItem <Saleitm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349

11.4.2.4.4.4.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.4.8.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.4.8.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1349
	RebateLabel <RbtLbl>	[0..1]	Text		1349

11.4.2.4.4.4.8.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

11.4.2.4.4.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.4.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrdR> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdRId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdRStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

11.4.2.4.4.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1355
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1355
	POITransactionIdentification <POITxId>	[1..1]	±		1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1356
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1356
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1356
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIId>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRsIt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrd>	[0..*]	±		1407
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1407
	Receipt <Rct>	[0..*]	±		1408

11.4.2.4.4.5.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.5.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.5.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.5.6 ReversalTransactionResult <RvslTxRslt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvslTxRslt> contains the following **RetailerReversalResult7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1361
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1361
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIID>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1381
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1382
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtnTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrtctdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407
	CustomerOrder <CstmrOrd>	[0..*]	±		1407

11.4.2.4.4.5.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnlPmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1366
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1366
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1367
	TransactionType <TxTp>	[1..1]	CodeSet		1367
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1368
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1369
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1369
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1369
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1370
	TransactionIdentification <TxId>	[1..1]	±		1370
	OriginalTransaction <OrgnlTx>	[0..1]			1370
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIID>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtDtls>	[0..*]	±		1381
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1382
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1382
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1382
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1382
	TransactionDetails <TxDtls>	[1..1]			1383
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtlAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtnTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DivryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403
	AuthorisationResult <AuthstnRslt>	[0..1]			1403
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1405
	CustomerOrder <CstmrOrd>	[0..1]	±		1405
	CustomerToken <CstmrTkn>	[0..1]	±		1405
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1406
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1406
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1406
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1406
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1407
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1407
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1407

11.4.2.4.4.5.6.2.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.5.6.2.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries,

CodeName	Name	Definition
		authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

11.4.2.4.4.5.6.2.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrt>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

11.4.2.4.4.5.6.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

11.4.2.4.4.5.6.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRIT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

11.4.2.4.4.5.6.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

11.4.2.4.4.5.6.2.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.5.6.2.8 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2414

11.4.2.4.4.5.6.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.10 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.5.6.2.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1372
	TransactionIdentification <TxId>	[1..1]	±		1372
	POIIdentification <POIID>	[1..1]	±		1372
	CurrencyConversion <CcyConvs>	[0..1]			1372
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1381

11.4.2.4.4.5.6.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.11.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction assigned by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.5.6.2.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

11.4.2.4.4.5.6.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1375
	ResultReason <RsltRsn>	[0..1]	Text		1375
	ConversionDetails <ConvsDtls>	[0..*]			1375
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkupDetails <MrkUpDtls>	[0..*]			1381

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1381

11.4.2.4.4.5.6.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

11.4.2.4.4.5.6.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1377
	TargetCurrency <TrgtCcy>	[1..1]			1377
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377
	ResultingAmount <RsltAmt>	[0..1]	Amount		1378
	ExchangeRate <XchgRate>	[1..1]	Rate		1378
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1378
	QuotationDate <QtnDt>	[0..1]	DateTime		1378
	ValidFrom <VldFr>	[0..1]	DateTime		1378
	ValidUntil <VldUntil>	[0..1]	DateTime		1378
	SourceCurrency <SrcCcy>	[1..1]			1378
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379
	ApplicableBinRange <AplblBinRg>	[0..*]			1379
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380
	OriginalAmount <OrgnlAmt>	[0..1]			1380
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380
	CommissionDetails <ComssnDtls>	[0..*]			1381
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	MarkUpDetails <MrkUpDtls>	[0..*]			1381
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381
	DeclarationDetails <DclrtDtls>	[0..*]	±		1381

11.4.2.4.4.5.6.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1377
	NumericCode <NmrcCd>	[1..1]	Text		1377
	Decimal <Dcml>	[1..1]	Quantity		1377
	Name <Nm>	[0..1]	Text		1377

11.4.2.4.4.5.6.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.5.6.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.5.6.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.5.6.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.11.4.3.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.11.4.3.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1379
	NumericCode <NmrcCd>	[0..1]	Text		1379
	Decimal <Dcml>	[0..1]	Quantity		1379
	Name <Nm>	[0..1]	Text		1379

11.4.2.4.4.5.6.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.5.6.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.5.6.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.5.6.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1380
	HigherBin <HghrBin>	[1..1]	Text		1380

11.4.2.4.4.5.6.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.5.6.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.5.6.2.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1380
	MinimumAmount <MinAmt>	[0..1]	Amount		1380
	MaximumAmount <MaxAmt>	[0..1]	Amount		1380

11.4.2.4.4.5.6.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381

11.4.2.4.4.5.6.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1381
	AdditionalInformation <AddtlInf>	[0..1]	Text		1381

11.4.2.4.4.5.6.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.5.6.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

11.4.2.4.4.5.6.2.12 ReconciliationIdentification <RcnclntId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.5.6.2.14 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.5.6.2.15 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.5.6.2.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1386
	TotalAmount <TtlAmt>	[1..1]	Amount		1386
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1386
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1386
	DetailedAmount <DtldAmt>	[0..1]	±		1386
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1387
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1387
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1387
	ValidityDate <VldtyDt>	[0..1]	Date		1387
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1387
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1388
	AccountType <AcctTp>	[0..1]	CodeSet		1388
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1389
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1397
	Instalment <Instlmt>	[0..*]	±		1398
	Recurring <Rcrng>	[0..1]	±		1399
	AggregationTransaction <AggtTx>	[0..1]	±		1400
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1400
	SaleItem <Saleitm>	[0..*]	±		1400
	DeliveryLocation <DivryLctn>	[0..1]	Text		1401
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1401
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1401
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1401
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1402
	AdditionalInformation <AddtlInf>	[0..*]			1402
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1403

11.4.2.4.4.5.6.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.5.6.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

11.4.2.4.4.5.6.2.16.5 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transaction.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

11.4.2.4.4.5.6.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

11.4.2.4.4.5.6.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

11.4.2.4.4.5.6.2.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2411

11.4.2.4.4.5.6.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

11.4.2.4.4.5.6.2.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1391
	Conversion <Convs>	[0..1]			1391
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1397

11.4.2.4.4.5.6.2.16.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

Definition: True if the cardholder has accepted the currency conversion that the acquirer has proposed.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.5.6.2.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1393
	TargetCurrency <TrgtCcy>	[1..1]			1393
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393
	ResultingAmount <RsltAmt>	[0..1]	Amount		1394
	ExchangeRate <XchgRate>	[1..1]	Rate		1394
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1394
	QuotationDate <QtnDt>	[0..1]	DateTime		1394
	ValidFrom <VldFr>	[0..1]	DateTime		1394
	ValidUntil <VldUntil>	[0..1]	DateTime		1394
	SourceCurrency <SrcCcy>	[1..1]			1394
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395
	ApplicableBinRange <AplblBinRg>	[0..*]			1395
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396
	OriginalAmount <OrgnlAmt>	[0..1]			1396
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396
	CommissionDetails <ComssnDtls>	[0..*]			1397
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	MarkUpDetails <MrkUpDtls>	[0..*]			1397
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397
	DeclarationDetails <DclrtDtls>	[0..*]	±		1397

11.4.2.4.4.5.6.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.16.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1393
	NumericCode <NmrcCd>	[1..1]	Text		1393
	Decimal <Dcml>	[1..1]	Quantity		1393
	Name <Nm>	[0..1]	Text		1393

11.4.2.4.4.5.6.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.5.6.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.5.6.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.5.6.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.16.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.5.6.2.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1395
	NumericCode <NmrcCd>	[0..1]	Text		1395
	Decimal <Dcml>	[0..1]	Quantity		1395
	Name <Nm>	[0..1]	Text		1395

11.4.2.4.4.5.6.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.5.6.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.5.6.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.5.6.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.16.13.2.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1396
	HigherBin <HghrBin>	[1..1]	Text		1396

11.4.2.4.4.5.6.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.5.6.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.5.6.2.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1396
	MinimumAmount <MinAmt>	[0..1]	Amount		1396
	MaximumAmount <MaxAmt>	[0..1]	Amount		1396

11.4.2.4.4.5.6.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397

11.4.2.4.4.5.6.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.5.6.2.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1397
	AdditionalInformation <AddtlInf>	[0..1]	Text		1397

11.4.2.4.4.5.6.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.5.6.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.5.6.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

11.4.2.4.4.5.6.2.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

11.4.2.4.4.5.6.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

11.4.2.4.4.5.6.2.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

11.4.2.4.4.5.6.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

11.4.2.4.4.5.6.2.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

11.4.2.4.4.5.6.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.5.6.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4.5.6.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4.5.6.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4.5.6.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.6.2.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1402
	Value <Val>	[0..1]	Binary		1402
	ProtectedValue <PrctcdVal>	[0..1]	±		1402
	Type <Tp>	[0..1]	Text		1403

11.4.2.4.4.5.6.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

11.4.2.4.4.5.6.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

11.4.2.4.4.5.6.2.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.5.6.2.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

11.4.2.4.4.5.6.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

11.4.2.4.4.5.6.2.17 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1403
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1404
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1405

11.4.2.4.4.5.6.2.17.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

11.4.2.4.4.5.6.2.17.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1404
	ResponseReason <RspnRsn>	[0..1]	Text		1404
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1405

11.4.2.4.4.5.6.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

11.4.2.4.4.5.6.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

11.4.2.4.4.5.6.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.5.6.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

11.4.2.4.4.5.6.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.5.6.2.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

11.4.2.4.4.5.6.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2329

11.4.2.4.4.5.6.2.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.5.6.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "[Max35Text](#)" on page 2411

11.4.2.4.4.5.6.2.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "[Max35Text](#)" on page 2411

11.4.2.4.4.5.6.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.5.6.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.5.6.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.5.6.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.5.6.3 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

11.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.5.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following elements (see "[PaymentReceipt6](#)" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

11.4.2.4.4.6 BalanceInquiryResponse <BalNqryRspn>

Presence: [0..1]

Definition: Response data to a balance inquiry service request.

BalanceInquiryResponse <BalInqRspn> contains the following **BalanceInquiryResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1409
	POITransactionIdentification <POITxId>	[0..1]	±		1409
	PaymentAccount <PmtAcct>	[0..1]			1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410
	LoyaltyAccount <LtyAcct>	[0..1]	±		1411
	StoredValueAccount <StordValAcct>	[0..*]			1411
	AccountType <AcctTp>	[0..1]	CodeSet		1412
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415
	Receipt <Rct>	[0..*]	±		1415

11.4.2.4.4.6.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.6.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.6.3 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	1410
	CurrentBalance <CurBal>	[0..1]	Amount		1410
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1410

11.4.2.4.4.6.3.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Payment Account.

Impacted by: C1 "ActiveCurrency"

Datatype: "[ActiveCurrencyCode](#)" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.6.3.2 CurrentBalance <CurBal>

Presence: [0..1]

Definition: Balance of a Payment Account

Datatype: "[ImpliedCurrencyAndAmount](#)" on page 2332

11.4.2.4.4.6.3.3 PaymentAcquirerData <PmtAcqrrData>

Presence: [0..1]

Definition: Detail of Acquirer.

PaymentAcquirerData <PmtAcqrrData> contains the following elements (see "[Acquirer10](#)" on [page 1908](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1908
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1909

11.4.2.4.4.6.4 LoyaltyAccount <LtyAcct>

Presence: [0..1]

Definition: Loyalty account information.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on [page 2097](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

11.4.2.4.4.6.5 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		1412
	IdentificationType <IdTp>	[0..1]	CodeSet		1413
	Identification <Id>	[0..1]	Text		1413
	Brand <Brnd>	[0..1]	Text		1413
	Provider <Prvdr>	[0..1]	Text		1413
	OwnerName <OwnrNm>	[0..1]	Text		1413
	ExpiryDate <XpryDt>	[0..1]	Text		1414
	EntryMode <NtryMd>	[0..1]	CodeSet		1414
	Currency <Ccy>	[0..1]	CodeSet	C1	1414
	Balance <Bal>	[0..1]	Amount		1415

11.4.2.4.4.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

11.4.2.4.4.6.5.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

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.

11.4.2.4.4.6.5.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.6.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.6.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.6.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

11.4.2.4.4.6.5.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

11.4.2.4.4.6.5.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

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.)

11.4.2.4.4.6.5.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.6.5.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.6.6 Receipt <Rct>

Presence: [0..*]

Definition: Receipt to print after a balance inquiry.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

11.4.2.4.4.7 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]	±		1416
	POITransactionIdentification <POITxId>	[1..1]	±		1416
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1417
	Result <Rslt>	[0..*]			1417
	Account <Acct>	[1..1]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1419
	ApprovalCode <ApprvlCd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLabl>	[0..1]	Text		1420
	SaleItemRebate <SaleitmRbt>	[0..*]			1420
	SaleItem <Saleitm>	[1..1]	±		1421
	RebateLabel <RbtLabl>	[0..1]	Text		1421

11.4.2.4.4.7.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.7.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.7.3 POIRconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.7.4 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]	±		1417
	Amount <Amt>	[0..1]			1418
	Unit <Unit>	[0..1]	CodeSet		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419
	ServerData <SvrData>	[0..1]			1419
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1419
	ApprovalCode <ApprvICd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1420
	Rebates <Rbts>	[0..1]			1420
	TotalRebate <TtlRbt>	[0..1]	Amount		1420
	RebateLabel <RbtLabl>	[0..1]	Text		1420
	SaleItemRebate <SaleItmRbt>	[0..*]			1420
	SaleItem <SaleItm>	[1..1]	±		1421
	RebateLabel <RbtLabl>	[0..1]	Text		1421

11.4.2.4.4.7.4.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

11.4.2.4.4.7.4.2 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		1418
	Currency <Ccy>	[0..1]	CodeSet	C1	1418
	Amount <Amt>	[1..1]	Amount		1419

11.4.2.4.4.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

11.4.2.4.4.7.4.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.7.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.7.4.3 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		1419
	ApprovalCode <ApprvICd>	[0..1]	Text		1419
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1419
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1420

11.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.7.4.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2414

11.4.2.4.4.7.4.3.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.7.4.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.7.4.4 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		1420
	RebateLabel <RbtLabl>	[0..1]	Text		1420
	SaleItemRebate <SaleitmRbt>	[0..*]			1420
	SaleItem <Saleitm>	[1..1]	±		1421
	RebateLabel <RbtLabl>	[0..1]	Text		1421

11.4.2.4.4.7.4.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.7.4.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.7.4.4.3 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]	±		1421
	RebateLabel <RbtLbl>	[0..1]	Text		1421

11.4.2.4.4.7.4.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

11.4.2.4.4.7.4.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1427
	POITransactionIdentification <POITxId>	[1..1]	±		1427
	Result <RsIt>	[0..*]			1427
	Provider <Prvdr>	[0..1]	Text		1432
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIId>	[1..1]	±		1447

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltAmt>	[0..1]	Amount		1469

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtnTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1476

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrtctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrdrr>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482
	Currency <Ccy>	[0..1]	CodeSet	C1	1482
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Receipt <Rct>	[0..*]	±		1483

11.4.2.4.4.8.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.8.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.8.3 Result <RsIt>

Presence: [0..*]

Definition: Result of loading/reloading a stored value card.

Result <Rslt> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1432
	TransactionType <TxTp>	[1..1]	CodeSet		1433
	AccountIdentification <AcctId>	[0..1]			1433
	AccountType <AcctTp>	[0..1]	CodeSet		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1436
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIId>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtnTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480
	CustomerOrder <CstmrOrd>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482
	ProductCode <PdctCd>	[0..1]	Text		1482
	EANUPC <EANUPC>	[0..1]	Text		1482
	ItemAmount <ItmAmt>	[0..1]	Amount		1482
	Currency <Ccy>	[0..1]	CodeSet	C1	1482
	HostTransactionIdentification <HstTxId>	[0..1]	±		1483

11.4.2.4.4.8.3.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.2 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 2396

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.

11.4.2.4.4.8.3.3 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		1433
	IdentificationType <IdTp>	[0..1]	CodeSet		1434
	Identification <Id>	[0..1]	Text		1435
	Brand <Brnd>	[0..1]	Text		1435
	Provider <Prvdr>	[0..1]	Text		1435
	OwnerName <OwnrNm>	[0..1]	Text		1435
	ExpiryDate <XpryDt>	[0..1]	Text		1435
	EntryMode <NtryMd>	[0..1]	CodeSet		1435
	Currency <Ccy>	[0..1]	CodeSet	C1	1436
	Balance <Bal>	[0..1]	Amount		1436

11.4.2.4.4.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

11.4.2.4.4.8.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

11.4.2.4.4.8.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

11.4.2.4.4.8.3.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

11.4.2.4.4.8.3.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

11.4.2.4.4.8.3.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1441
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1441
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1442
	TransactionType <TxTp>	[1..1]	CodeSet		1442
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1443
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1444
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1444
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1444
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1445
	TransactionIdentification <TxId>	[1..1]	±		1445
	OriginalTransaction <OrgnlTx>	[0..1]			1445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1457
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1457
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1457
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1457
	TransactionDetails <TxDtls>	[1..1]			1458
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1462

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtDtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtnTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478
	AuthorisationResult <AuthstnRslt>	[0..1]			1478
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1480

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		1480
	CustomerToken <CstmrTkn>	[0..1]	±		1480
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1481
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1481
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1481
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1481
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1482
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1482
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1482

11.4.2.4.4.8.3.4.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.8.3.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

11.4.2.4.4.8.3.4.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

11.4.2.4.4.8.3.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

11.4.2.4.4.8.3.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

11.4.2.4.4.8.3.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

11.4.2.4.4.8.3.4.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.8.3.4.8 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 2414

11.4.2.4.4.8.3.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.8.3.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1447
	TransactionIdentification <TxId>	[1..1]	±		1447
	POIIdentification <POIID>	[1..1]	±		1447
	CurrencyConversion <CcyConvs>	[0..1]			1447
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1456

11.4.2.4.4.8.3.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.8.3.4.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

11.4.2.4.4.8.3.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1450
	ResultReason <RsltRsn>	[0..1]	Text		1450
	ConversionDetails <ConvsDtls>	[0..*]			1450
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplblBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1456

11.4.2.4.4.8.3.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

11.4.2.4.4.8.3.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1452
	TargetCurrency <TrgtCcy>	[1..1]			1452
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452
	ResultingAmount <RsltAmt>	[0..1]	Amount		1453
	ExchangeRate <XchgRate>	[1..1]	Rate		1453
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1453
	QuotationDate <QtnDt>	[0..1]	DateTime		1453
	ValidFrom <VldFr>	[0..1]	DateTime		1453
	ValidUntil <VldUntil>	[0..1]	DateTime		1453
	SourceCurrency <SrcCcy>	[1..1]			1453
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454
	ApplicableBinRange <AplBlBinRg>	[0..*]			1454
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455
	OriginalAmount <OrgnlAmt>	[0..1]			1455
	ActualAmount <ActlAmt>	[0..1]	Amount		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455
	CommissionDetails <ComssnDtls>	[0..*]			1456
	Amount <Amt>	[1..1]	Amount		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	MarkUpDetails <MrkUpDtls>	[0..*]			1456
	Rate <Rate>	[1..1]	Rate		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456
	DeclarationDetails <DclrtDtls>	[0..*]	±		1456

11.4.2.4.4.8.3.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3.2 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	1452
	NumericCode <NmrcCd>	[1..1]	Text		1452
	Decimal <Dcml>	[1..1]	Quantity		1452
	Name <Nm>	[0..1]	Text		1452

11.4.2.4.4.8.3.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.8.3.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.8.3.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.11.4.3.4 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 2407

11.4.2.4.4.8.3.4.11.4.3.5 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 2407

11.4.2.4.4.8.3.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.11.4.3.9 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	1454
	NumericCode <NmrcCd>	[0..1]	Text		1454
	Decimal <Dcml>	[0..1]	Quantity		1454
	Name <Nm>	[0..1]	Text		1454

11.4.2.4.4.8.3.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.8.3.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.8.3.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApIblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1455
	HigherBin <HghrBin>	[1..1]	Text		1455

11.4.2.4.4.8.3.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.8.3.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.8.3.4.11.4.3.11 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		1455
	MinimumAmount <MinAmt>	[0..1]	Amount		1455
	MaximumAmount <MaxAmt>	[0..1]	Amount		1455

11.4.2.4.4.8.3.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.11.4.3.12 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		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456

11.4.2.4.4.8.3.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3.13 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		1456
	AdditionalInformation <AddtlInf>	[0..1]	Text		1456

11.4.2.4.4.8.3.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.8.3.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.8.3.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

11.4.2.4.4.8.3.4.12 ReconciliationIdentification <RcnclntId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.8.3.4.14 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 2409

11.4.2.4.4.8.3.4.15 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 2409

11.4.2.4.4.8.3.4.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1461
	TotalAmount <TtlAmt>	[1..1]	Amount		1461
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1461
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1461
	DetailedAmount <DtldAmt>	[0..1]	±		1461
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1462
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1462
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1462
	ValidityDate <VldtyDt>	[0..1]	Date		1462
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1462
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1463
	AccountType <AcctTp>	[0..1]	CodeSet		1463
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1464
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1472
	Instalment <Instlmt>	[0..*]	±		1473
	Recurring <Rcrng>	[0..1]	±		1474
	AggregationTransaction <AggtTx>	[0..1]	±		1475
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1475
	SaleItem <Saleitm>	[0..*]	±		1475
	DeliveryLocation <DivryLctn>	[0..1]	Text		1476
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1476
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1476
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1476
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1477
	AdditionalInformation <AddtlInf>	[0..*]			1477
	Identification <Id>	[1..1]	Text		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrctcdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1478

11.4.2.4.4.8.3.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

11.4.2.4.4.8.3.4.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

11.4.2.4.4.8.3.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

11.4.2.4.4.8.3.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

11.4.2.4.4.8.3.4.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2411

11.4.2.4.4.8.3.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

11.4.2.4.4.8.3.4.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1466
	Conversion <Convs>	[0..1]			1466
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1472

11.4.2.4.4.8.3.4.16.13.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.8.3.4.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1468
	TargetCurrency <TrgtCcy>	[1..1]			1468
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1469
	ExchangeRate <XchgRate>	[1..1]	Rate		1469
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1469
	QuotationDate <QtnDt>	[0..1]	DateTime		1469
	ValidFrom <VldFr>	[0..1]	DateTime		1469
	ValidUntil <VldUntil>	[0..1]	DateTime		1469
	SourceCurrency <SrcCcy>	[1..1]			1469
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470
	ApplicableBinRange <AplblBinRg>	[0..*]			1470
	LowerBin <LwrBin>	[1..1]	Text		1471
	HigherBin <HghrBin>	[1..1]	Text		1471
	OriginalAmount <OrgnlAmt>	[0..1]			1471
	ActualAmount <ActlAmt>	[0..1]	Amount		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471
	CommissionDetails <ComssnDtls>	[0..*]			1472
	Amount <Amt>	[1..1]	Amount		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	MarkUpDetails <MrkUpDtls>	[0..*]			1472
	Rate <Rate>	[1..1]	Rate		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472
	DeclarationDetails <DclrtDtls>	[0..*]	±		1472

11.4.2.4.4.8.3.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.16.13.2.2 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	1468
	NumericCode <NmrcCd>	[1..1]	Text		1468
	Decimal <Dcml>	[1..1]	Quantity		1468
	Name <Nm>	[0..1]	Text		1468

11.4.2.4.4.8.3.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.8.3.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.8.3.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.13.2.4 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 2407

11.4.2.4.4.8.3.4.16.13.2.5 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 2407

11.4.2.4.4.8.3.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

11.4.2.4.4.8.3.4.16.13.2.9 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	1470
	NumericCode <NmrcCd>	[0..1]	Text		1470
	Decimal <Dcml>	[0..1]	Quantity		1470
	Name <Nm>	[0..1]	Text		1470

11.4.2.4.4.8.3.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

11.4.2.4.4.8.3.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

11.4.2.4.4.8.3.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.16.13.2.10 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		1471
	HigherBin <HghrBin>	[1..1]	Text		1471

11.4.2.4.4.8.3.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.8.3.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

11.4.2.4.4.8.3.4.16.13.2.11 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		1471
	MinimumAmount <MinAmt>	[0..1]	Amount		1471
	MaximumAmount <MaxAmt>	[0..1]	Amount		1471

11.4.2.4.4.8.3.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.13.2.12 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		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472

11.4.2.4.4.8.3.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.8.3.4.16.13.2.13 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		1472
	AdditionalInformation <AddtlInf>	[0..1]	Text		1472

11.4.2.4.4.8.3.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

11.4.2.4.4.8.3.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

11.4.2.4.4.8.3.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

11.4.2.4.4.8.3.4.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

11.4.2.4.4.8.3.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

11.4.2.4.4.8.3.4.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

11.4.2.4.4.8.3.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

11.4.2.4.4.8.3.4.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

11.4.2.4.4.8.3.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.4.16.20 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 2406

11.4.2.4.4.8.3.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4.8.3.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

11.4.2.4.4.8.3.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.4.16.24 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		1477
	Value <Val>	[0..1]	Binary		1477
	ProtectedValue <PrtctdVal>	[0..1]	±		1477
	Type <Tp>	[0..1]	Text		1478

11.4.2.4.4.8.3.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

11.4.2.4.4.8.3.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

11.4.2.4.4.8.3.4.16.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

11.4.2.4.4.8.3.4.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

11.4.2.4.4.8.3.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

11.4.2.4.4.8.3.4.17 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]	±		1478
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1479
	Response <Rspn>	[1..1]	CodeSet		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1480

11.4.2.4.4.8.3.4.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

11.4.2.4.4.8.3.4.17.2 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		1479
	ResponseReason <RspnRsn>	[0..1]	Text		1479
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1480

11.4.2.4.4.8.3.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

11.4.2.4.4.8.3.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

11.4.2.4.4.8.3.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

11.4.2.4.4.8.3.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

11.4.2.4.4.8.3.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.8.3.4.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

11.4.2.4.4.8.3.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2329

11.4.2.4.4.8.3.4.21 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

11.4.2.4.4.8.3.4.22 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 2411

11.4.2.4.4.8.3.4.23 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 2411

11.4.2.4.4.8.3.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.8.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.8.3.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.8.3.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

11.4.2.4.4.8.3.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.8.3.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2411

11.4.2.4.4.8.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.8.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.8.3.9 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

11.4.2.4.4.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1484
	POIBatchIdentification <POIBtchId>	[0..1]	±		1485
	PerformedTransaction <PrfrmdTx>	[0..*]			1485
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRslt>	[0..1]	±		1487
	LoyaltyResult <LtyRslt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvlCd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleItmRbt>	[0..*]			1498
	SaleItem <SaleItm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499

11.4.2.4.4.9.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.9.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1486
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1487
	POITransactionIdentification <POITxId>	[0..1]	±		1487
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1487
	PaymentResult <PmtRslt>	[0..1]	±		1487
	LoyaltyResult <LltyRslt>	[0..*]			1494
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvICd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLabl>	[0..1]	Text		1498
	SaleItemRebate <SaleitmRbt>	[0..*]			1498
	SaleItem <Saleitm>	[1..1]	±		1499
	RebateLabel <RbtLabl>	[0..1]	Text		1499
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1499

11.4.2.4.9.3.1 Response <Rspn>

Presence: [1..1]

Definition: Response for this performed transaction.

Response <Rspn> contains the following elements (see ["ResponseType11"](#) on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

11.4.2.4.4.9.3.2 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Unique identification of a sale transaction.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.9.3.3 POITransactionIdentification <POITxId>

Presence: [0..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text"](#) on page 2411

11.4.2.4.4.9.3.5 PaymentResult <PmtRslt>

Presence: [0..1]

Definition: Data related to the result of a processed payment transaction.

PaymentResult <PmtRslt> contains the following elements (see "RetailerPaymentResult7" on page 2133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTxx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2152
	TransactionIdentification <TxId>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrd>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrd>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

11.4.2.4.4.9.3.6 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed Loyalty transaction.

LoyaltyResult <LtyRsIt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1495
	Amount <Amt>	[0..1]			1496
	Unit <Unit>	[0..1]	CodeSet		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497
	ServerData <SvrData>	[0..1]			1497
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1497
	ApprovalCode <ApprvICd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498
	Rebates <Rbts>	[0..1]			1498
	TotalRebate <TtlRbt>	[0..1]	Amount		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleItmRbt>	[0..*]			1498
	SaleItem <SaleItm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499

11.4.2.4.4.9.3.6.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

11.4.2.4.4.9.3.6.2 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		1496
	Currency <Ccy>	[0..1]	CodeSet	C1	1496
	Amount <Amt>	[1..1]	Amount		1497

11.4.2.4.4.9.3.6.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

11.4.2.4.4.9.3.6.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "[ActiveCurrency](#)"

Datatype: "[ActiveCurrencyCode](#)" on page 2336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.4.4.9.3.6.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.9.3.6.3 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		1497
	ApprovalCode <ApprvICd>	[0..1]	Text		1497
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1497
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1498

11.4.2.4.4.9.3.6.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.9.3.6.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2414

11.4.2.4.4.9.3.6.3.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.9.3.6.3.4 HostReconciliationIdentification <HstRcncItId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.9.3.6.4 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		1498
	RebateLabel <RbtLbl>	[0..1]	Text		1498
	SaleItemRebate <SaleItmRbt>	[0..*]			1498
	SaleItem <SaleItm>	[1..1]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499

11.4.2.4.4.9.3.6.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.9.3.6.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.9.3.6.4.3 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]	±		1499
	RebateLabel <RbtLbl>	[0..1]	Text		1499

11.4.2.4.4.9.3.6.4.3.1 **SaleItem** <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

11.4.2.4.4.9.3.6.4.3.2 **RebateLabel** <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.9.3.7 **ReversedAmount** <RvsdAmt>

Presence: [0..1]

Definition: Amount of the payment or loyalty to reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.4.4.10 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]	±		1500
	POITransactionIdentification <POITxId>	[1..1]	±		1500
	PaymentBrand <PmtBrnd>	[0..*]	Text		1500
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1501
	LoyaltyAccount <LtyAcct>	[0..*]	±		1501
	CustomerOrder <CstmrOrd>	[0..*]	±		1501

11.4.2.4.4.10.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.10.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

11.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: "Max35Text" on page 2411

11.4.2.4.4.10.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

11.4.2.4.4.10.5 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

11.4.2.4.4.10.6 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 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

11.4.2.4.4.11 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "[ResponseType11](#)" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

11.4.2.4.4.12 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

11.4.2.5 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		1505
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1505
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1507
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1507
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1507
	Brand <Brnd>	[0..1]	Text		1508
	POIIdentification <POIID>	[0..1]	Text		1508
	SaleIdentification <SaleId>	[0..1]	Text		1508
	CashierIdentification <CshrlId>	[0..1]	Text		1508
	ShiftNumber <ShftNb>	[0..1]	Text		1508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1508
	CommonName <CmonNm>	[1..1]	Text		1508
	Address <Adr>	[0..1]	Text		1509
	CountryCode <CtryCd>	[1..1]	CodeSet		1509
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1509
	RegisteredIdentifier <Regldr>	[1..1]	Text		1509
	TransactionTotal <TxTtl>	[1..1]			1509
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1509
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1510
	Currency <Ccy>	[0..1]	CodeSet	C1	1510
	Type <Tp>	[1..1]	CodeSet		1510
	TotalNumber <TtlNb>	[1..1]	Quantity		1510
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1511
	DetailedAmount <DtldAmt>	[0..1]	±		1511
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1511
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1511
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1512
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1512
	TotalNumber <TtlNb>	[1..1]	Quantity		1513
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1513
	DetailedAmount <DtldAmt>	[0..1]	±		1513

11.4.2.5.1 POIReconciliationIdentification <POIRcncldId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 2411

11.4.2.5.2 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		1507
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1507
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1507
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		1507
	Brand <Brnd>	[0..1]	Text		1508
	POIIdentification <POIld>	[0..1]	Text		1508
	SaleIdentification <Saleld>	[0..1]	Text		1508
	CashierIdentification <Cshrlld>	[0..1]	Text		1508
	ShiftNumber <ShftNb>	[0..1]	Text		1508
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1508
	CommonName <CmonNm>	[1..1]	Text		1508
	Address <Adr>	[0..1]	Text		1509
	CountryCode <CtryCd>	[1..1]	CodeSet		1509
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1509
	RegisteredIdentifier <Regldr>	[1..1]	Text		1509
	TransactionTotal <TxTtl>	[1..1]			1509
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1509
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1510
	Currency <Ccy>	[0..1]	CodeSet	C1	1510
	Type <Tp>	[1..1]	CodeSet		1510
	TotalNumber <TtlNb>	[1..1]	Quantity		1510
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1511
	DetailedAmount <DtlldAmt>	[0..1]	±		1511
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			1511
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1511
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		1512
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	TransactionType <TxTp>	[1..1]	CodeSet		1512
	TotalNumber <TtlNb>	[1..1]	Quantity		1513
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1513

11.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType2Code" on page 2377

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.

11.4.2.5.2.2 AcquirerIdentification <Acqrrld>

Presence: [0..1]

Definition: Identification of an Acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.3 ReconciliationIdentification <Rcncltnld>

Presence: [0..1]

Definition: Identifier of a host reconciliation period: acquirer for a payment or server for loyalty.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.4 SaleReconciliationIdentification <SaleRcncltnld>

Presence: [0..1]

Definition: Identifier of a reconciliation period on the sale system.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.6 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.7 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 2411

11.4.2.5.2.8 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transactions.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

11.4.2.5.2.10 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		1508
	Address <Adr>	[0..1]	Text		1509
	CountryCode <CtryCd>	[1..1]	CodeSet		1509
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1509
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1509

11.4.2.5.2.10.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

11.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

11.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

11.4.2.5.2.10.4 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 2414

11.4.2.5.2.10.5 RegisteredIdentifier <Regdldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.11 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		1509
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1510
	Currency <Ccy>	[0..1]	CodeSet	C1	1510
	Type <Tp>	[1..1]	CodeSet		1510
	TotalNumber <TtlNb>	[1..1]	Quantity		1510
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1511
	DetailedAmount <DtldAmt>	[0..1]	±		1511

11.4.2.5.2.11.1 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 2411

11.4.2.5.2.11.2 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.5.2.11.4 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals3Code" on page 2401

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.

11.4.2.5.2.11.5 TotalNumber <TtINb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2406

11.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.5.2.11.7 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

11.4.2.5.2.12 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 <POIGrpld>	[0..1]	Text		1511
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1512
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1512
	Currency <Ccy>	[0..1]	CodeSet	C1	1512
	TransactionType <TxTp>	[1..1]	CodeSet		1512
	TotalNumber <TtlNb>	[1..1]	Quantity		1513
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1513
	DetailedAmount <DtldAmt>	[0..1]	±		1513

11.4.2.5.2.12.1 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 2411

11.4.2.5.2.12.2 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 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

11.4.2.5.2.12.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Cards category related to the acceptance processing rules defined by the Loyalty provider.

Datatype: "Max35Text" on page 2411

11.4.2.5.2.12.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

11.4.2.5.2.12.5 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of Loyalty transaction for Report.

Datatype: "LoyaltyTypeTransactionTotals1Code" on page 2372

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.

11.4.2.5.2.12.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2406

11.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

11.4.2.5.2.12.8 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

11.4.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see ["ResponseType11"](#) on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

11.4.2.7 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

11.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see ["ContentInformationType38"](#) on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

12 casp.011.001.07 SaleToPOIAbortV07

12.1 MessageDefinition Functionality

The SaleToPOIAbort message is sent by a sale system to abort process on POI.

Outline

The SaleToPOIAbortV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. Abort

Information related to an abort request.

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> <SaleToPOIAbrt>	[1..1]			
	Header <Hdr>	[1..1]			1519
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1520
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1521
	ExchangeIdentification <XchgId>	[1..1]	Text		1521
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1521
	InitiatingParty <InitgPty>	[1..1]	±		1521
	RecipientParty <RcptPty>	[0..1]	±		1522
	Traceability <Tracblt>	[0..*]	±		1523
	Abort <Abrt>	[1..1]			1523
	Environment <Envt>	[1..1]	±	C8	1526
	Context <Cntxt>	[1..1]		C9	1532
	PaymentContext <PmtCntxt>	[0..1]			1535
	CardPresent <CardPres>	[0..1]	Indicator		1535
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1535
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1536
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1536
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1536
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1536
	BusinessArea <BizArea>	[0..1]	CodeSet		1537
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1537
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1537
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1538
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1538
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1539
	SaleContext <SaleCntxt>	[0..1]			1539
	SaleIdentification <SaleId>	[0..1]	Text		1540
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1540
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1541
	CashierIdentification <CshrlId>	[0..1]	Text		1541

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1541
	ShiftNumber <ShftNb>	[0..1]	Text		1541
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1541
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1541
	InvoiceNumber <InvcNb>	[0..1]	Text		1541
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1542
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1542
	CommonName <CmonNm>	[1..1]	Text		1542
	Address <Adr>	[0..1]	Text		1542
	CountryCode <CtryCd>	[1..1]	CodeSet		1542
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1542
	RegisteredIdentifier <Regldr>	[1..1]	Text		1542
	SplitPayment <Spltpmt>	[0..1]	Indicator		1543
	RemainingAmount <RmngAmt>	[0..1]	Amount		1543
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1543
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1543
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1543
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1544
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1544
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1544
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1545
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1545
	SystemToNotify <SysToNtfy>	[0..1]	Text		1545
	Debtor <Dbtr>	[0..1]	±		1546
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1547
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1547
	Creditor <Cdtr>	[0..1]	±		1547
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1548
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1549
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1549
	Debtor <Dbtr>	[0..1]	±		1550

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1551
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1554
	MandateIdentification <MndtId>	[1..1]	Text		1555
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1555
	MandateImage <MndtImg>	[0..1]	Binary		1555
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1555
	SystemAbort <SysAbtr>	[1..1]			1555
	ExchangeIdentification <XchgId>	[1..1]	Text		1556
	AbortReason <AbtrRsn>	[1..1]	Text		1556
	DisplayOutput <DispOutpt>	[0..1]	±		1556
	TransactionSuccess <TxSucss>	[0..1]	Indicator		1557
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1557
	SecurityTrailer <SctyTrlr>	[0..1]	±		1558

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 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.

12.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

12.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1520
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1521
	ExchangeIdentification <XchgId>	[1..1]	Text		1521
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1521
	InitiatingParty <InitgPty>	[1..1]	±		1521
	RecipientParty <RcptPty>	[0..1]	±		1522
	Traceability <Tracblt>	[0..*]	±		1523

12.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

12.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

12.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

12.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

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 "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

12.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

12.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

12.4.2 Abort <Abrt>

Presence: [1..1]

Definition: Information related to an abort request.

Abort <Abtrt> contains the following **SystemAbort8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envr>	[1..1]	±	C8	1526
	Context <Cntxt>	[1..1]		C9	1532
	PaymentContext <PmtCntxt>	[0..1]			1535
	CardPresent <CardPres>	[0..1]	Indicator		1535
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1535
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1536
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1536
	TransactionEnvironment <TxEnvr>	[0..1]	CodeSet		1536
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1536
	BusinessArea <BizArea>	[0..1]	CodeSet		1537
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1537
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1537
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1538
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1538
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1539
	SaleContext <SaleCntxt>	[0..1]			1539
	SaleIdentification <SaleId>	[0..1]	Text		1540
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1540
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1541
	CashierIdentification <CshrId>	[0..1]	Text		1541
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1541
	ShiftNumber <ShftNb>	[0..1]	Text		1541
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1541
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1541
	InvoiceNumber <InvNb>	[0..1]	Text		1541
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1542
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1542
	CommonName <CmonNm>	[1..1]	Text		1542
	Address <Adr>	[0..1]	Text		1542
	CountryCode <CtryCd>	[1..1]	CodeSet		1542
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1542

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1542
	SplitPayment <SpltPmt>	[0..1]	Indicator		1543
	RemainingAmount <RmngAmt>	[0..1]	Amount		1543
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1543
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1543
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1543
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1544
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1544
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1544
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1545
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1545
	SystemToNotify <SysToNtfy>	[0..1]	Text		1545
	Debtor <Dbtr>	[0..1]	±		1546
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1547
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1547
	Creditor <Cdtr>	[0..1]	±		1547
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1548
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1549
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1549
	Debtor <Dbtr>	[0..1]	±		1550
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1551
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1554
	MandateIdentification <MndtId>	[1..1]	Text		1555
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1555
	MandateImage <MndtImg>	[0..1]	Binary		1555
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1555
	SystemAbort <SysAbtr>	[1..1]			1555

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1556
	AbortReason <AbrtRsn>	[1..1]	Text		1556
	DisplayOutput <DispOutpt>	[0..1]	±		1556
	TransactionSuccess <TxSucss>	[0..1]	Indicator		1557
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1557

12.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2 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]			1535
	CardPresent <CardPres>	[0..1]	Indicator		1535
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1535
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1536
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1536
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1536
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1536
	BusinessArea <BizArea>	[0..1]	CodeSet		1537
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1537
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1537
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1538
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1538
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1539
	SaleContext <SaleCntxt>	[0..1]			1539
	SaleIdentification <SaleId>	[0..1]	Text		1540
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1540
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1541
	CashierIdentification <CshrId>	[0..1]	Text		1541
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1541
	ShiftNumber <ShftNb>	[0..1]	Text		1541
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1541
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1541
	InvoiceNumber <InvNb>	[0..1]	Text		1541
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1542
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1542
	CommonName <CmonNm>	[1..1]	Text		1542
	Address <Adr>	[0..1]	Text		1542
	CountryCode <CtryCd>	[1..1]	CodeSet		1542
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1542
	RegisteredIdentifier <Regldr>	[1..1]	Text		1542
	SplitPayment <SpltPmt>	[0..1]	Indicator		1543

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1543
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1543
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1543
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1543
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1544
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1544
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1544
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1545
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1545
	SystemToNotify <SysToNtfy>	[0..1]	Text		1545
	Debtor <Dbtr>	[0..1]	±		1546
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1547
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1547
	Creditor <Cdtr>	[0..1]	±		1547
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1548
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1549
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1549
	Debtor <Dbtr>	[0..1]	±		1550
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1551
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1554
	MandateIdentification <MndtId>	[1..1]	Text		1555
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1555
	MandateImage <MndtImg>	[0..1]	Binary		1555
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1555

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2.1 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		1535
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1535
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1536
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1536
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1536
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1536
	BusinessArea <BizArea>	[0..1]	CodeSet		1537
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1537
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1537
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1538
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1538
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1539

12.4.2.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2346

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.

12.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

12.4.2.2.1.6 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 2400

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.

12.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

12.4.2.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

12.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

12.4.2.2.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

12.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

12.4.2.2.2 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		1540
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1540
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1541
	CashierIdentification <CshrId>	[0..1]	Text		1541
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1541
	ShiftNumber <ShftNb>	[0..1]	Text		1541
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1541
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1541
	InvoiceNumber <InvcNb>	[0..1]	Text		1541
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1542
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1542
	CommonName <CmonNm>	[1..1]	Text		1542
	Address <Adr>	[0..1]	Text		1542
	CountryCode <CtryCd>	[1..1]	CodeSet		1542
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1542
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1542
	SplitPayment <SpltPmt>	[0..1]	Indicator		1543
	RemainingAmount <RmngAmt>	[0..1]	Amount		1543
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1543
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1543
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1543
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1544
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1544

12.4.2.2.2.1 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 2411

12.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

12.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

12.4.2.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.11 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		1542
	Address <Adr>	[0..1]	Text		1542
	CountryCode <CtryCd>	[1..1]	CodeSet		1542
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1542
	RegisteredIdentifier <Regldr>	[1..1]	Text		1542

12.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

12.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

12.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

12.4.2.2.2.11.4 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 2414

12.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

12.4.2.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.2.13 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 2332

12.4.2.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

12.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

12.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

12.4.2.2.3 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		1545
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1545
	SystemToNotify <SysToNtfy>	[0..1]	Text		1545
	Debtor <Dbtr>	[0..1]	±		1546
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1547
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1547
	Creditor <Cdtr>	[0..1]	±		1547
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1548
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1549

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

12.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

12.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

12.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

12.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

12.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

12.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

12.4.2.2.4 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]	±		1550
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1551
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1554
	MandateIdentification <MndtId>	[1..1]	Text		1555
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1555
	MandateImage <MndtImg>	[0..1]	Binary		1555
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1555

12.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

12.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

12.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

12.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

12.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

12.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

12.4.2.2.4.7 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		1555
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1555
	MandateImage <MndtImg>	[0..1]	Binary		1555
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1555

12.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

12.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

12.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

12.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

12.4.2.3 SystemAbort <SysAbrt>

Presence: [1..1]

Definition: Body of the Abort Request message.

SystemAbort <SysAbrt> contains the following **AbortData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1556
	AbortReason <AbrtRsn>	[1..1]	Text		1556
	DisplayOutput <DispOutpt>	[0..1]	±		1556
	TransactionSuccess <TxSucss>	[0..1]	Indicator		1557

12.4.2.3.1 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Message identifier.

Datatype: "Max35Text" on page 2411

12.4.2.3.2 AbortReason <AbrtRsn>

Presence: [1..1]

Definition: Reason of aborting a transaction.

Datatype: "Max140Text" on page 2409

12.4.2.3.3 DisplayOutput <DispOutpt>

Presence: [0..1]

Definition: To display an abort message to the Customer.

DisplayOutput <DispOutput> contains the following elements (see ["ActionMessage11"](#) on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

12.4.2.3.4 TransactionSuccess <TxSucss>

Presence: [0..1]

Definition: Outcome of the transaction at the acceptor.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

12.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

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 "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

13 casp.012.001.07 SaleToPOIEventNotificationV07

13.1 MessageDefinition Functionality

The SaleToPOIEventNotification message is sent by a POI or a sale terminal to inform the other about the happening of an event.

Outline

The SaleToPOIEventNotificationV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Set of characteristics related to the transfer of the request.
- B. EventNotification
Information related to the notification of an event.
- 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> <SaleToPOIEvtNtfctn>	[1..1]			
	Header <Hdr>	[1..1]			1563
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1564
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1565
	ExchangeIdentification <XchgId>	[1..1]	Text		1565
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1565
	InitiatingParty <InitgPty>	[1..1]	±		1565
	RecipientParty <RcptPty>	[0..1]	±		1566
	Traceability <Tracblt>	[0..*]	±		1567
	EventNotification <EvtNtfctn>	[1..1]			1567
	Environment <Envt>	[1..1]	±	C8	1570
	Context <Cntxt>	[1..1]		C9	1576
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrlId>	[0..1]	Text		1585

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1585
	InvoiceNumber <InvcNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <Regldr>	[1..1]	Text		1586
	SplitPayment <Spltpmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1588
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1589
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1589
	SystemToNotify <SysToNtfy>	[0..1]	Text		1589
	Debtor <Dbtr>	[0..1]	±		1590
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1591
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1591
	Creditor <Cdtr>	[0..1]	±		1591
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1592
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1593
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1593
	Debtor <Dbtr>	[0..1]	±		1594

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1595
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1596
	Creditor <Cdtr>	[0..1]	±		1596
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1597
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1598
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1598
	MandateIdentification <MndtId>	[1..1]	Text		1599
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1599
	MandateImage <MndtImg>	[0..1]	Binary		1599
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1599
	EventNotification <EvtNtfctn>	[1..1]			1599
	RetailerEvent <RtlrEvt>	[1..1]			1600
	EventTimeStamp <EvtTmStmp>	[1..1]	DateTime		1600
	EventToNotify <EvtToNtfy>	[1..1]	CodeSet		1600
	EventContext <EvtCntxt>	[0..1]			1601
	ServiceType <SvcTp>	[1..1]	CodeSet		1602
	ComponentIdentification <CmpntId>	[0..1]	±		1605
	SaleIdentification <SaleId>	[0..1]	Text		1607
	AdditionalEventInformation <AddtlEvtInf>	[0..1]	Text		1607
	MaintenanceRequiredFlag <MntncReqrdFlg>	[0..1]	Indicator		1608
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	1608
	DisplayOutput <DispOutpt>	[0..1]	±		1608
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1609
	SecurityTrailer <SctyTrlr>	[0..1]	±		1609

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 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.

13.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

13.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1564
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1565
	ExchangeIdentification <XchgId>	[1..1]	Text		1565
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1565
	InitiatingParty <InitgPty>	[1..1]	±		1565
	RecipientParty <RcptPty>	[0..1]	±		1566
	Traceability <Tracblt>	[0..*]	±		1567

13.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

13.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

13.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

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 "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

13.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

13.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

13.4.2 EventNotification <EvtNtfctn>

Presence: [1..1]

Definition: Information related to the notification of an event.

EventNotification <EvtNtfctn> contains the following **SystemEventNotification8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1570
	Context <Cntxt>	[1..1]		C9	1576
	PaymentContext <PmtCntxt>	[0..1]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1586
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1588
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1589
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1589
	SystemToNotify <SysToNtfy>	[0..1]	Text		1589
	Debtor <Dbtr>	[0..1]	±		1590
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1591
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1591
	Creditor <Cdtr>	[0..1]	±		1591
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1592
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1593
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1593
	Debtor <Dbtr>	[0..1]	±		1594
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1595
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1596
	Creditor <Cdtr>	[0..1]	±		1596
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1597
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1598
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1598
	MandateIdentification <MndtId>	[1..1]	Text		1599
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1599
	MandateImage <MndtImg>	[0..1]	Binary		1599
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1599
	EventNotification <EvtNtfctn>	[1..1]			1599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RetailerEvent <RtlrEvt>	[1..1]			1600
	EventTimeStamp <EvtTmStmp>	[1..1]	DateTime		1600
	EventToNotify <EvtToNtfy>	[1..1]	CodeSet		1600
	EventContext <EvtCntxt>	[0..1]			1601
	ServiceType <SvcTp>	[1..1]	CodeSet		1602
	ComponentIdentification <CmpntId>	[0..1]	±		1605
	SaleIdentification <SaleId>	[0..1]	Text		1607
	AdditionalEventInformation <AddtlEvtInf>	[0..1]	Text		1607
	MaintenanceRequiredFlag <MntncReqrdfg>	[0..1]	Indicator		1608
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	1608
	DisplayOutput <DispOutpt>	[0..1]	±		1608
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1609

13.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScIyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

13.4.2.2 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]			1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1583
	SaleContext <SaleCntxt>	[0..1]			1583
	SaleIdentification <SaleId>	[0..1]	Text		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1585
	InvoiceNumber <InvNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <Regldr>	[1..1]	Text		1586
	SplitPayment <SpltPmt>	[0..1]	Indicator		1587

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1588
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1589
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1589
	SystemToNotify <SysToNtfy>	[0..1]	Text		1589
	Debtor <Dbtr>	[0..1]	±		1590
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1591
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1591
	Creditor <Cdtr>	[0..1]	±		1591
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1592
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1593
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1593
	Debtor <Dbtr>	[0..1]	±		1594
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1595
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1596
	Creditor <Cdtr>	[0..1]	±		1596
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1597
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1598
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1598
	MandateIdentification <Mndtld>	[1..1]	Text		1599
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1599
	MandateImage <Mndtlmg>	[0..1]	Binary		1599
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1599

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

13.4.2.2.1 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		1579
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1579
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1580
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1580
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1580
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1580
	BusinessArea <BizArea>	[0..1]	CodeSet		1581
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1581
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1581
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1582
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1582
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1583

13.4.2.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2346

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.

13.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

13.4.2.2.1.6 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 2400

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.

13.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

13.4.2.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

13.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

13.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

13.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

13.4.2.2.2 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		1584
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1584
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1585
	CashierIdentification <CshrId>	[0..1]	Text		1585
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1585
	ShiftNumber <ShftNb>	[0..1]	Text		1585
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1585
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1585
	InvoiceNumber <InvcNb>	[0..1]	Text		1585
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1586
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1586
	CommonName <CmonNm>	[1..1]	Text		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1586
	SplitPayment <Spltpmt>	[0..1]	Indicator		1587
	RemainingAmount <RmngAmt>	[0..1]	Amount		1587
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1587
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1587
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1587
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1588
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1588

13.4.2.2.2.1 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 2411

13.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

13.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

13.4.2.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.11 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		1586
	Address <Adr>	[0..1]	Text		1586
	CountryCode <CtryCd>	[1..1]	CodeSet		1586
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1586
	RegisteredIdentifier <Regldr>	[1..1]	Text		1586

13.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

13.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

13.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

13.4.2.2.2.11.4 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 2414

13.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

13.4.2.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.2.13 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 2332

13.4.2.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

13.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

13.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

13.4.2.2.3 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		1589
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1589
	SystemToNotify <SysToNtfy>	[0..1]	Text		1589
	Debtor <Dbtr>	[0..1]	±		1590
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1591
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1591
	Creditor <Cdtr>	[0..1]	±		1591
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1592
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1593

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

13.4.2.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

13.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

13.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

13.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

13.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

13.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

13.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

13.4.2.2.4 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]	±		1594
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1595
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1596
	Creditor <Cdtr>	[0..1]	±		1596
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1597
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1598
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1598
	MandateIdentification <MndtId>	[1..1]	Text		1599
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1599
	MandateImage <MndtImg>	[0..1]	Binary		1599
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1599

13.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

13.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

13.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

13.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

13.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

13.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

13.4.2.2.4.7 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		1599
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1599
	MandateImage <MndtImg>	[0..1]	Binary		1599
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1599

13.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

13.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

13.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

13.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

13.4.2.3 EventNotification <EvtNtfctn>

Presence: [1..1]

Definition: Content of the EventNotification message.

EventNotification <EvtNtfctn> contains the following **EventNotificationData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RetailerEvent <RtlrEvt>	[1..1]			1600
	EventTimeStamp <EvtTmStmp>	[1..1]	DateTime		1600
	EventToNotify <EvtToNtfy>	[1..1]	CodeSet		1600
	EventContext <EvtCntxt>	[0..1]			1601
	ServiceType <SvcTp>	[1..1]	CodeSet		1602
	ComponentIdentification <CmpntId>	[0..1]	±		1605
	SaleIdentification <SaleId>	[0..1]	Text		1607
	AdditionalEventInformation <AddtlEvtInf>	[0..1]	Text		1607
	MaintenanceRequiredFlag <MntncReqrdFlg>	[0..1]	Indicator		1608
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	1608
	DisplayOutput <DispOutpt>	[0..1]	±		1608

13.4.2.3.1 RetailerEvent <RtlrEvt>

Presence: [1..1]

Definition: Content of the Retailer Event message.

RetailerEvent <RtlrEvt> contains the following **RetailerEvent7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EventTimeStamp <EvtTmStmp>	[1..1]	DateTime		1600
	EventToNotify <EvtToNtfy>	[1..1]	CodeSet		1600
	EventContext <EvtCntxt>	[0..1]			1601
	ServiceType <SvcTp>	[1..1]	CodeSet		1602
	ComponentIdentification <CmpntId>	[0..1]	±		1605
	SaleIdentification <SaleId>	[0..1]	Text		1607
	AdditionalEventInformation <AddtlEvtInf>	[0..1]	Text		1607

13.4.2.3.1.1 EventTimeStamp <EvtTmStmp>

Presence: [1..1]

Definition: Date and time of the event.

Datatype: "ISODatetime" on page 2404

13.4.2.3.1.2 EventToNotify <EvtToNtfy>

Presence: [1..1]

Definition: Event the POI notifies to the Sale System.

Datatype: "EventToNotify2Code" on page 2362

CodeName	Name	Definition
ABRT	Abort	One or several device request has been sent by the POI during the processing of a service requested by the Sale System. The processing is cancelled by the Customer or stopped by the POI. If the device response is not received by the POI, an event is sent to inform the Sale to abort internally these device requests.
MAIB	BeginMaintenance	Begin of POI Maintenance.
CRDI	CardInserted	A card is inserted in the card reader (see Input request and NotifyCardInputFlag).
COMP	Completed	An Abort request has been sent to abort a message which is already completed.
CRDR	CardRemoved	A card is removed from the card reader.
CUSL	CustomerLanguage	The customer has selected a different language on the POI.
MAIE	EndMaintenance	End of POI Maintenance.
INIT	Initialised	The POI Terminal or the POI System is now ready to work.
KEYP	KeyPressed	The customer has pressed a specific key on the POI.
MAIR	MaintenanceRequired	Maintenance required by the POI.
OODR	OutOfOrder	The POI Terminal or the POI System cannot work.
SADM	SaleAdmin	The POI has performed, or want to perform an automatic administrative process, e.g. the reports at the end of day.
SWUP	SaleWakeUp	A POI terminal requests the payment of the transaction identified by the content of EventDetails in the Event notification.
SECA	SecurityAlarm	Problem of security.
SHUT	Shutdown	The POI Terminal or the POI System is shutting down.
SASS	StopAssistance	When the Customer assistance is stopped, because the Customer has completed its input.
DISC	Disconnected	A disconnection occurred.
CNTN	Connected	Connection has been set up.
TNOK	TransactionApproved	Transaction has been processed and approved by the POI.
TNKO	TransactionDeclined	Transaction has been processed but has been declined.

13.4.2.3.1.3 EventContext <EvtCntxt>

Presence: [0..1]

Definition: Context of the Event message.

EventContext <EvtCntxt> contains the following **EventContext7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceType <SvcTp>	[1..1]	CodeSet		1602
	ComponentIdentification <CmpntId>	[0..1]	±		1605
	SaleIdentification <SaleId>	[0..1]	Text		1607

13.4.2.3.1.3.1 ServiceType <SvcTp>

Presence: [1..1]

Definition: Reference to the service and functions related to the event.

Datatype: "RetailerService1Code" on page 2387

CodeName	Name	Definition
DCAQ	DeviceSendApplicationProtocolDataUnitCardReaderRequest	A service to send commands to a card.
ADAQ	AdministrativeAdminRequest	An administrative request, to select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
ADAP	AdministrativeAdminResponse	The POI System responds to an administrative request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
SMDQ	AdministrativeSessionManagementDiagnosisRequest	The Sale System requests a session diagnosis to the POI System.
SMDP	AdministrativeSessionManagementDiagnosisResponse	The POI System responds to a diagnosis request.
SMIQ	AdministrativeSessionManagementLoginRequest	The Sale System requests a login to the POI System.
SMIP	AdministrativeSessionManagementLoginResponse	The POI System responds to a login request.
SMOQ	AdministrativeSessionManagementLogoutRequest	The Sale System requests a logout to the POI System.
SMOP	AdministrativeSessionManagementLogoutResponse	The POI System responds to a logout request.
DDYQ	DeviceDisplayRequest	One System requests the other to display a message for cashier or customer.

CodeName	Name	Definition
DDYP	DeviceDisplayResponse	One system responds to the other system for a display request.
DCIQ	DeviceInitialisationCardReaderRequest	Service to send parameters to use when card reader initializes a new communication with the card.
DCIP	DeviceInitialisationCardReaderResponse	The POI system responds to the Sale System for a card reader initialisation.
DINO	DeviceInputNotification	One system sends a notification to the POI System to update a input request.
DINQ	DeviceInputRequest	One system requests to the other System to get data input.
DINP	DeviceInputResponse	One system responds to the other System for a input request.
DSOQ	DevicePlaySoundRequest	One system requests to the Other System to play a sound.
DSOP	DevicePlaySoundResponse	One system responds to the other System for a play sound request.
DCPQ	DevicePowerOffCardReaderRequest	The Sale system requests to the POI System to power off the card reader.
DCPP	DevicePowerOffCardRequestResponse	The POI system responds to the Sale System for a card reader power off.
DPRQ	DevicePrintRequest	One system requests to the other System to print data.
DPRP	DevicePrintResponse	One system responds to the other System for a print request.
DSIQ	DeviceSecureInputRequest	One system requests to the Other System to securely get data input (e.g. for PIN).
DSIP	DeviceSecureInputResponse	One system responds to the other System for secure data input.
DCAP	DeviceSendApplicationProtocolDataUnitCardReaderResponse	The POI system responds to the Sale System for a card reader Application Protocol Data Unit sending.
DCOQ	DeviceTransmissionMessageRequest	The Sale system requests to the POI System to transmit a message (for instance to a mobile server).
DCOP	DeviceTransmissionMessageResponse	The POI system responds to the Sale System after a message transmission.
FSIQ	FinancialBalanceInquiryRequest	The Sale System requests to the POI System to perform balance inquiry on the main account.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBQ	FinancialBatchRequest	The Batch message pair is used to request or get the result of transactions (payment, loyalty and reversal) performed without connection to the Sale system (Payment delivery).

CodeName	Name	Definition
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSAQ	FinancialCardAcquisitionRequest	The Sale System requests to the POI System to handle a card data acquisition on the card reader.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSLQ	FinancialLoyaltyRequest	The Sale System requests to the POI System a loyalty service like loading or redeem.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSPQ	FinancialPaymentRequest	The Sale System requests to the POI System to perform a payment(Purchase/Refund/PWCB/MOTO Payment/...).
FSPR	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSCQ	FinancialReconciliationRequest	The Sale System request to the POI System different kinds of transaction reconciliation.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.
FSRQ	FinancialReversalRequest	The Sale System requests to the POI System to perform a reversal partial or complete to cancel a former payment service.
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSVQ	FinancialStoredValueRequest	The Sale System requests to the POI System to manage a stored value card or account (eg. Load, Payment, Reimbursement).
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
SSAB	SystemAbort	Abort a former request or message by the sale system.
SSEN	SystemEventNotification	Send an Event notification to the other party.
SSRR	SystemMessageRejection	Send a rejection for a previous message.
SSSQ	SystemMessageStatusRequest	The Sale System requests to the POI System the status of a previous transaction.
SSSP	SystemMessageStatusResponse	The POI System responds to a message status request.

13.4.2.3.1.3.2 ComponentIdentification <CmpntId>

Presence: [0..1]

Definition: Identification of the Point Of Interaction.

ComponentIdentification <CmpntId> contains the following elements (see
"PointOfInteractionComponent17" on page 2212 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

13.4.2.3.1.3.3 SaleIdentification <SaleId>

Presence: [0..1]

Definition: Identification of the Sale System.

Datatype: "Max35Text" on page 2411

13.4.2.3.1.4 AdditionalEventInformation <AddtlEvtInf>

Presence: [0..1]

Definition: Additional Information according to the event type.

Datatype: "Max1025Text" on page 2408

13.4.2.3.2 MaintenanceRequiredFlag <MntncReqrdFlg>

Presence: [0..1]

Definition: Indicates if the occurred event requires maintenance call or action.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

13.4.2.3.3 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language of the Customer.

Impacted by: [C12 "ValidationByTable"](#)

Datatype: ["LanguageCode" on page 2370](#)

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

13.4.2.3.4 DisplayOutput <DispOutpt>

Presence: [0..1]

Definition: To display an event message.

DisplayOutput <DispOutput> contains the following elements (see "[ActionMessage11](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

13.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

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 "[ContentInformationType38](#)" on [page 2300](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

14 casp.013.001.02 SaleToPOIMessageRejectionV02

14.1 MessageDefinition Functionality

The SaleToPOIMessageRejection message is sent by one of the parties when it detects a technical or functional error in a previous received message.

Outline

The SaleToPOIMessageRejectionV02 MessageDefinition is composed of 2 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. Reject

Information related to the reject.

14.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIMsgRjctn>	[1..1]			
	Header <Hdr>	[1..1]			1612
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1612
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1613
	ExchangeIdentification <XchgId>	[1..1]	Text		1613
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1613
	InitiatingParty <InitgPty>	[1..1]	±		1613
	RecipientParty <RcptPty>	[0..1]	±		1614
	Traceability <Tracblt>	[0..*]	±		1615
	Reject <Rjct>	[1..1]			1615
	RejectReason <RjctRsn>	[1..1]	CodeSet		1616
	AdditionalInformation <AddtlInf>	[0..1]	Text		1616
	MessageInError <MsgInErr>	[0..1]	Binary		1616

14.3 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

14.3.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1612
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1613
	ExchangeIdentification <XchgId>	[1..1]	Text		1613
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1613
	InitiatingParty <InitgPty>	[1..1]	±		1613
	RecipientParty <RcptPty>	[0..1]	±		1614
	Traceability <Tracblt>	[0..*]	±		1615

14.3.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.

CodeName	Name	Definition
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

14.3.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

14.3.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

14.3.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

14.3.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

14.3.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

14.3.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

14.3.2 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		1616
	AdditionalInformation <AddtlInf>	[0..1]	Text		1616
	MessageInError <MsgInErr>	[0..1]	Binary		1616

14.3.2.1 RejectReason <RjctRsn>

Presence: [1..1]

Definition: Reject reason of the request or the advice.

Datatype: "RejectReason1Code" on page 2383

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.
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.

14.3.2.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the reject of the exchange.

Datatype: "Max500Text" on page 2412

14.3.2.3 MessageInError <MsgInErr>

Presence: [0..1]

Definition: Original request that caused the recipient party to reject it.

Datatype: "Max100KBinary" on page 2333

15 casp.014.001.07

SaleToPOIMessageStatusRequestV07

15.1 MessageDefinition Functionality

The SaleToPOIMessageStatusRequest message is sent by a sale system when the sale system wants to know the status of previous message that has not be answered.

Outline

The SaleToPOIMessageStatusRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. StatusRequest

Information related to a status request.

C. SecurityTrailer

Trailer of the message containing a MAC or a digital signature.

15.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIMsgStsReq>	[1..1]			
	Header <Hdr>	[1..1]			1621
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1622
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1623
	ExchangeIdentification <XchgId>	[1..1]	Text		1623
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1623
	InitiatingParty <InitgPty>	[1..1]	±		1623
	RecipientParty <RcptPty>	[0..1]	±		1624
	Traceability <Tracblt>	[0..*]	±		1625
	StatusRequest <StsReq>	[1..1]			1625
	Environment <Envt>	[1..1]	±	C8	1628
	Context <Cntxt>	[1..1]		C9	1634
	PaymentContext <PmtCntxt>	[0..1]			1637
	CardPresent <CardPres>	[0..1]	Indicator		1637
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1637
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1638
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1638
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1638
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1638
	BusinessArea <BizArea>	[0..1]	CodeSet		1639
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1639
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1639
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1640
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1640
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1641
	SaleContext <SaleCntxt>	[0..1]			1641
	SaleIdentification <SaleId>	[0..1]	Text		1642
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1642
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1643
	CashierIdentification <CshrlId>	[0..1]	Text		1643

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1643
	ShiftNumber <ShftNb>	[0..1]	Text		1643
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1643
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1643
	InvoiceNumber <InvcNb>	[0..1]	Text		1643
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1644
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1644
	CommonName <CmonNm>	[1..1]	Text		1644
	Address <Adr>	[0..1]	Text		1644
	CountryCode <CtryCd>	[1..1]	CodeSet		1644
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1644
	RegisteredIdentifier <Reglddr>	[1..1]	Text		1644
	SplitPayment <Spltpmt>	[0..1]	Indicator		1645
	RemainingAmount <RmngAmt>	[0..1]	Amount		1645
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1645
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1645
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1645
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1646
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1646
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1646
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1647
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1647
	SystemToNotify <SysToNtfy>	[0..1]	Text		1647
	Debtor <Dbtr>	[0..1]	±		1648
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1649
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1649
	Creditor <Cdtr>	[0..1]	±		1649
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1650
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1651
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1651
	Debtor <Dbtr>	[0..1]	±		1652

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1653
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1654
	Creditor <Cdtr>	[0..1]	±		1654
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1655
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1656
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1656
	MandateIdentification <MndtId>	[1..1]	Text		1657
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1657
	MandateImage <MndtImg>	[0..1]	Binary		1657
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1657
	MessageStatusRequestData <MsgStsReqData>	[1..1]			1657
	ExchangeIdentification <XchgId>	[1..1]	Text		1658
	InitiatingParty <InitgPty>	[1..1]	±		1658
	ReceiptReprintFlag <RctRprntFlg>	[0..1]	Indicator		1658
	DocumentQualifier <DocQlfr>	[0..2]	CodeSet		1659
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1659
	SecurityTrailer <SctyTrlr>	[0..1]	±		1660

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 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.

15.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

15.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1622
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1623
	ExchangeIdentification <XchgId>	[1..1]	Text		1623
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1623
	InitiatingParty <InitgPty>	[1..1]	±		1623
	RecipientParty <RcptPty>	[0..1]	±		1624
	Traceability <Tracblt>	[0..*]	±		1625

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.

CodeName	Name	Definition
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

15.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

15.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

15.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

15.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

15.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

15.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

15.4.2 StatusRequest <StsReq>

Presence: [1..1]

Definition: Information related to a status request.

StatusRequest <StsReq> contains the following **MessageStatusRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C8	1628
	Context <Cntxt>	[1..1]		C9	1634
	PaymentContext <PmtCntxt>	[0..1]			1637
	CardPresent <CardPres>	[0..1]	Indicator		1637
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1637
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1638
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1638
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1638
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1638
	BusinessArea <BizArea>	[0..1]	CodeSet		1639
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1639
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1639
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1640
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1640
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1641
	SaleContext <SaleCntxt>	[0..1]			1641
	SaleIdentification <SaleId>	[0..1]	Text		1642
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1642
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1643
	CashierIdentification <CshrId>	[0..1]	Text		1643
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1643
	ShiftNumber <ShftNb>	[0..1]	Text		1643
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1643
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1643
	InvoiceNumber <InvNb>	[0..1]	Text		1643
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1644
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1644
	CommonName <CmonNm>	[1..1]	Text		1644
	Address <Adr>	[0..1]	Text		1644
	CountryCode <CtryCd>	[1..1]	CodeSet		1644
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1644

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1644
	SplitPayment <SpltPmt>	[0..1]	Indicator		1645
	RemainingAmount <RmngAmt>	[0..1]	Amount		1645
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1645
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1645
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1645
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1646
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1646
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1646
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1647
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1647
	SystemToNotify <SysToNtfy>	[0..1]	Text		1647
	Debtor <Dbtr>	[0..1]	±		1648
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1649
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1649
	Creditor <Cdtr>	[0..1]	±		1649
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1650
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1651
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1651
	Debtor <Dbtr>	[0..1]	±		1652
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1653
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1654
	Creditor <Cdtr>	[0..1]	±		1654
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1655
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1656
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1656
	MandateIdentification <MndtId>	[1..1]	Text		1657
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1657
	MandateImage <MndtImg>	[0..1]	Binary		1657
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1657
	MessageStatusRequestData <MsgStsReqData>	[1..1]			1657

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1658
	InitiatingParty <InitgPty>	[1..1]	±		1658
	ReceiptReprintFlag <RctRprntFlg>	[0..1]	Indicator		1658
	DocumentQualifier <DocQlfr>	[0..2]	CodeSet		1659
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1659

15.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

15.4.2.2 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]			1637
	CardPresent <CardPres>	[0..1]	Indicator		1637
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1637
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1638
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1638
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1638
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1638
	BusinessArea <BizArea>	[0..1]	CodeSet		1639
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1639
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1639
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1640
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1640
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1641
	SaleContext <SaleCntxt>	[0..1]			1641
	SaleIdentification <SaleId>	[0..1]	Text		1642
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1642
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1643
	CashierIdentification <CshrId>	[0..1]	Text		1643
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1643
	ShiftNumber <ShftNb>	[0..1]	Text		1643
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1643
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1643
	InvoiceNumber <InvNb>	[0..1]	Text		1643
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1644
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1644
	CommonName <CmonNm>	[1..1]	Text		1644
	Address <Adr>	[0..1]	Text		1644
	CountryCode <CtryCd>	[1..1]	CodeSet		1644
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1644
	RegisteredIdentifier <Regldr>	[1..1]	Text		1644
	SplitPayment <SpltPmt>	[0..1]	Indicator		1645

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1645
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1645
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1645
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1645
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1646
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1646
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1646
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1647
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1647
	SystemToNotify <SysToNtfy>	[0..1]	Text		1647
	Debtor <Dbtr>	[0..1]	±		1648
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1649
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1649
	Creditor <Cdtr>	[0..1]	±		1649
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1650
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1651
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1651
	Debtor <Dbtr>	[0..1]	±		1652
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1653
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1654
	Creditor <Cdtr>	[0..1]	±		1654
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1655
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1656
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1656
	MandateIdentification <Mndtld>	[1..1]	Text		1657
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1657
	MandateImage <Mndtlmg>	[0..1]	Binary		1657
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1657

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

15.4.2.2.1 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		1637
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1637
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1638
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1638
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1638
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1638
	BusinessArea <BizArea>	[0..1]	CodeSet		1639
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1639
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1639
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1640
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1640
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1641

15.4.2.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2346

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.

15.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

15.4.2.2.1.6 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 2400

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.

15.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

15.4.2.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

15.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

15.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

15.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

15.4.2.2.2 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		1642
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1642
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1643
	CashierIdentification <CshrId>	[0..1]	Text		1643
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1643
	ShiftNumber <ShftNb>	[0..1]	Text		1643
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1643
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1643
	InvoiceNumber <InvcNb>	[0..1]	Text		1643
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1644
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1644
	CommonName <CmonNm>	[1..1]	Text		1644
	Address <Adr>	[0..1]	Text		1644
	CountryCode <CtryCd>	[1..1]	CodeSet		1644
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1644
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1644
	SplitPayment <Spltpmt>	[0..1]	Indicator		1645
	RemainingAmount <RmngAmt>	[0..1]	Amount		1645
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1645
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1645
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1645
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1646
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1646

15.4.2.2.2.1 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 2411

15.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

15.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

15.4.2.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.11 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		1644
	Address <Adr>	[0..1]	Text		1644
	CountryCode <CtryCd>	[1..1]	CodeSet		1644
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1644
	RegisteredIdentifier <Regldr>	[1..1]	Text		1644

15.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

15.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

15.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

15.4.2.2.2.11.4 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 2414

15.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

15.4.2.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.2.13 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 2332

15.4.2.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

15.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

15.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

15.4.2.2.3 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		1647
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1647
	SystemToNotify <SysToNtfy>	[0..1]	Text		1647
	Debtor <Dbtr>	[0..1]	±		1648
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1649
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1649
	Creditor <Cdtr>	[0..1]	±		1649
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1650
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1651

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

15.4.2.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

15.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

15.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

15.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

15.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

15.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

15.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

15.4.2.2.4 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]	±		1652
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1653
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1654
	Creditor <Cdtr>	[0..1]	±		1654
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1655
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1656
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1656
	MandateIdentification <MndtId>	[1..1]	Text		1657
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1657
	MandateImage <MndtImg>	[0..1]	Binary		1657
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1657

15.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

15.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

15.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

15.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

15.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

15.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

15.4.2.2.4.7 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		1657
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1657
	MandateImage <MndtImg>	[0..1]	Binary		1657
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1657

15.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

15.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

15.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

15.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

15.4.2.3 MessageStatusRequestData <MsgStsReqData>

Presence: [1..1]

Definition: Identification of the previous exchange.

MessageStatusRequestData <MsgStsReqData> contains the following
MessageStatusRequestData2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1658
	InitiatingParty <InitgPty>	[1..1]	±		1658
	ReceiptReprintFlag <RctRprntFlg>	[0..1]	Indicator		1658
	DocumentQualifier <DocQlfr>	[0..2]	CodeSet		1659

15.4.2.3.1 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Transaction identification.

Datatype: "Max35Text" on page 2411

15.4.2.3.2 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Initiating Party information.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

15.4.2.3.3 ReceiptReprintFlag <RctRprntFlg>

Presence: [0..1]

Definition: Request to reprint the POI receipt(s).

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

15.4.2.3.4 DocumentQualifier <DocQlfr>

Presence: [0..2]

Definition: Customer or Cashier Receipt.

Datatype: ["DocumentType7Code"](#) on page 2361

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.

15.4.2.4 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

15.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

16 casp.015.001.07 SaleToPOIMessageStatusResponseV07

16.1 MessageDefinition Functionality

The SaleToPOIMessageStatusResponse message is sent by a POI System to respond to the sale system at a previous message status request.

Outline

The SaleToPOIMessageStatusResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. StatusResponse
 - Information related to the response of a status request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

16.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIMsgStsRspn>	[1..1]			
	Header <Hdr>	[1..1]			1677
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1677
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1678
	ExchangeIdentification <XchgId>	[1..1]	Text		1678
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1678
	InitiatingParty <InitgPty>	[1..1]	±		1679
	RecipientParty <RcptPty>	[0..1]	±		1679
	Traceability <Tracblt>	[0..*]	±		1680
	StatusResponse <StsRspn>	[1..1]			1680
	Environment <Envt>	[1..1]	±	C9	1694
	Context <Cntxt>	[1..1]		C10	1700
	PaymentContext <PmtCntxt>	[0..1]			1703
	CardPresent <CardPres>	[0..1]	Indicator		1703
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1703
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1704
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		1704
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1704
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1704
	BusinessArea <BizArea>	[0..1]	CodeSet		1705
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1705
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1705
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1706
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1706
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1707
	SaleContext <SaleCntxt>	[0..1]			1707
	SaleIdentification <SaleId>	[0..1]	Text		1708
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1708
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1709
	CashierIdentification <CshrlId>	[0..1]	Text		1709

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1709
	ShiftNumber <ShftNb>	[0..1]	Text		1709
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1709
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1709
	InvoiceNumber <InvcNb>	[0..1]	Text		1709
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1710
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1710
	CommonName <CmonNm>	[1..1]	Text		1710
	Address <Adr>	[0..1]	Text		1710
	CountryCode <CtryCd>	[1..1]	CodeSet		1710
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1710
	RegisteredIdentifier <Reglddr>	[1..1]	Text		1710
	SplitPayment <Spltpmt>	[0..1]	Indicator		1711
	RemainingAmount <RmngAmt>	[0..1]	Amount		1711
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1711
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1711
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1711
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1712
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1712
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1712
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1713
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1713
	SystemToNotify <SysToNtfy>	[0..1]	Text		1713
	Debtor <Dbtr>	[0..1]	±		1714
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1715
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1715
	Creditor <Cdtr>	[0..1]	±		1715
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1716
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1717
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1717
	Debtor <Dbtr>	[0..1]	±		1718

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1719
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1720
	Creditor <Cdtr>	[0..1]	±		1720
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1721
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1722
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1722
	MandateIdentification <MndtId>	[1..1]	Text		1723
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1723
	MandateImage <MndtImg>	[0..1]	Binary		1723
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1723
	MessageStatusResponseData <MsgStsRspnData>	[1..1]			1723
	ExchangeIdentification <XchgId>	[1..1]	Text		1735
	InitiatingParty <InitgPty>	[1..1]	±		1735
	TransactionResponse <TxRspn>	[1..1]	±		1736
	RepeatedLoyaltyResponse <RepeatdLltyRspn>	[0..1]			1736
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1737
	POITransactionIdentification <POITxId>	[1..1]	±		1737
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1738
	Result <Rslt>	[0..*]			1738
	Account <Acct>	[1..1]	±		1738
	Amount <Amt>	[0..1]			1739
	Unit <Unit>	[0..1]	CodeSet		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740
	ServerData <SvrData>	[0..1]			1740
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1740
	ApprovalCode <ApprvlCd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741
	Rebates <Rbts>	[0..1]			1741
	TotalRebate <TtlRbt>	[0..1]	Amount		1741

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	RebateLabel <RbtLabl>	[0..1]	Text		1741
	SaleItemRebate <SaleItmRbt>	[0..*]			1741
	SaleItem <SaleItm>	[1..1]	±		1742
	RebateLabel <RbtLabl>	[0..1]	Text		1742
	RepeatedPaymentResponse <RepeatdPmtRspn>	[0..1]			1742
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1744
	POITransactionIdentification <POITxId>	[1..1]	±		1744
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1744
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1744
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1744
	PaymentReceipt <PmtRct>	[0..*]	±		1751
	LoyaltyResult <LtyRslt>	[0..*]			1752
	Account <Acct>	[1..1]	±		1752
	Amount <Amt>	[0..1]			1753
	Unit <Unit>	[0..1]	CodeSet		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754
	ServerData <SvrData>	[0..1]			1754
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1754
	ApprovalCode <ApprvlCd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1755
	Rebates <Rbts>	[0..1]			1755
	TotalRebate <TtlRbt>	[0..1]	Amount		1755
	RebateLabel <RbtLabl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLabl>	[0..1]	Text		1756
	CustomerOrder <CstmrOrd>	[0..*]	±		1756
	RepeatedReversalResponse <RepeatdRvslRspn>	[0..1]			1757

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1762
	POITransactionIdentification <POITxId>	[1..1]	±		1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1763
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1763
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1768
	OriginalPaymentTransaction <OrgnPmtTx>	[0..1]			1768
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1774
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnITx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIID>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1788
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1789
	TransactionDetails <TxDtls>	[1..1]			1790

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtDtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <AggtnTx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrctdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1810

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814
	CustomerOrder <CstmrOrd>	[0..*]	±		1814
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1814
	Receipt <Rct>	[0..*]	±		1815
	RepeatedStoredValueResponse <RepeatdStordValRspn>	[0..1]			1815
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1821
	POITransactionIdentification <POITxId>	[1..1]	±		1821
	Result <Rslt>	[0..*]			1821
	Provider <Prvdr>	[0..1]	Text		1826
	TransactionType <TxTp>	[1..1]	CodeSet		1827
	AccountIdentification <AcctId>	[0..1]			1827
	AccountType <AcctTp>	[0..1]	CodeSet		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1830
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1835
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1836
	TransactionType <TxTp>	[1..1]	CodeSet		1836
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtDtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtnTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctcdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874
	CustomerOrder <CstmrOrd>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876
	ProductCode <PdctCd>	[0..1]	Text		1876
	EANUPC <EANUPC>	[0..1]	Text		1876
	ItemAmount <ItmAmt>	[0..1]	Amount		1876
	Currency <Ccy>	[0..1]	CodeSet	C1	1876
	HostTransactionIdentification <HstTxId>	[0..1]	±		1877
	Receipt <Rct>	[0..*]	±		1877
	RepeatedCardAcquisitionResponse <RpeatdCardAcqstnRspn>	[0..1]			1877
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1877
	POITransactionIdentification <POITxId>	[1..1]	±		1878
	PaymentBrand <PmtBrnd>	[0..*]	Text		1878
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1878
	LoyaltyAccount <LltyAcct>	[0..*]	±		1878
	CustomerOrder <CstmrOrd>	[0..*]	±		1879
	RepeatedSendApplicationProtocolDataUnitCardReaderResponse <RpeatdSndApplPrtcolDataUnitCardRdrRspn>	[0..1]			1879
	Data <Data>	[0..1]	Binary		1880

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardStatus <CardSts>	[1..1]	Binary		1880
	Response <Rspn>	[1..1]	±		1880
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1880
	SecurityTrailer <SctyTrlr>	[0..1]	±		1881

16.3 Constraints

C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 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.

16.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

16.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1677
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1678
	ExchangeIdentification <XchgId>	[1..1]	Text		1678
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1678
	InitiatingParty <InitgPty>	[1..1]	±		1679
	RecipientParty <RcptPty>	[0..1]	±		1679
	Traceability <Tracblt>	[0..*]	±		1680

16.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.

CodeName	Name	Definition
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

16.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

16.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

16.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

16.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification177" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

16.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

16.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

16.4.2 StatusResponse <StsRspn>

Presence: [1..1]

Definition: Information related to the response of a status request.

StatusResponse <StsRspn> contains the following **MessageStatusResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±	C9	1694
	Context <Cntxt>	[1..1]		C10	1700
	PaymentContext <PmtCntxt>	[0..1]			1703
	CardPresent <CardPres>	[0..1]	Indicator		1703
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1703
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1704
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1704
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1704
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1704
	BusinessArea <BizArea>	[0..1]	CodeSet		1705
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1705
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1705
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1706
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1706
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1707
	SaleContext <SaleCntxt>	[0..1]			1707
	SaleIdentification <SaleId>	[0..1]	Text		1708
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1708
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1709
	CashierIdentification <CshrId>	[0..1]	Text		1709
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1709
	ShiftNumber <ShftNb>	[0..1]	Text		1709
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1709
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1709
	InvoiceNumber <InvNb>	[0..1]	Text		1709
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1710
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1710
	CommonName <CmonNm>	[1..1]	Text		1710
	Address <Adr>	[0..1]	Text		1710
	CountryCode <CtryCd>	[1..1]	CodeSet		1710
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1710

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1710
	SplitPayment <SpltPmt>	[0..1]	Indicator		1711
	RemainingAmount <RmngAmt>	[0..1]	Amount		1711
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1711
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1711
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1711
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1712
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1712
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1712
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1713
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1713
	SystemToNotify <SysToNtfy>	[0..1]	Text		1713
	Debtor <Dbtr>	[0..1]	±		1714
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1715
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1715
	Creditor <Cdtr>	[0..1]	±		1715
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1716
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1717
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1717
	Debtor <Dbtr>	[0..1]	±		1718
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1719
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1720
	Creditor <Cdtr>	[0..1]	±		1720
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1721
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1722
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1722
	MandateIdentification <MndtId>	[1..1]	Text		1723
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1723
	MandateImage <MndtImg>	[0..1]	Binary		1723
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1723
	MessageStatusResponseData <MsgStsRspnData>	[1..1]			1723

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1735
	InitiatingParty <InitgPty>	[1..1]	±		1735
	TransactionResponse <TxRspn>	[1..1]	±		1736
	RepeatedLoyaltyResponse <RepeatdLtyRspn>	[0..1]			1736
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1737
	POITransactionIdentification <POITxId>	[1..1]	±		1737
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1738
	Result <Rslt>	[0..*]			1738
	Account <Acct>	[1..1]	±		1738
	Amount <Amt>	[0..1]			1739
	Unit <Unit>	[0..1]	CodeSet		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740
	ServerData <SvrData>	[0..1]			1740
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1740
	ApprovalCode <ApprvlCd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741
	Rebates <Rbts>	[0..1]			1741
	TotalRebate <TtlRbt>	[0..1]	Amount		1741
	RebateLabel <RbtLbl>	[0..1]	Text		1741
	SaleItemRebate <SaleitmRbt>	[0..*]			1741
	SaleItem <Saleitm>	[1..1]	±		1742
	RebateLabel <RbtLbl>	[0..1]	Text		1742
	RepeatedPaymentResponse <RepeatdPmtRspn>	[0..1]			1742
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1744
	POITransactionIdentification <POITxId>	[1..1]	±		1744
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1744
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1744
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1744

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentReceipt <PmtRct>	[0..*]	±		1751
	LoyaltyResult <LtyRslt>	[0..*]			1752
	Account <Acct>	[1..1]	±		1752
	Amount <Amt>	[0..1]			1753
	Unit <Unit>	[0..1]	CodeSet		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754
	ServerData <SvrData>	[0..1]			1754
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1754
	ApprovalCode <ApprvICd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcnclnId>	[0..1]	Text		1755
	Rebates <Rbts>	[0..1]			1755
	TotalRebate <TtlRbt>	[0..1]	Amount		1755
	RebateLabel <RbtLabl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLabl>	[0..1]	Text		1756
	CustomerOrder <CstmrOrd>	[0..*]	±		1756
	RepeatedReversalResponse <RepeatdRvslRspn>	[0..1]			1757
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1762
	POITransactionIdentification <POITxId>	[1..1]	±		1763
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		1763
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1763
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1763
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		1768
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1768
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1774

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnlTx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIID>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <DclrtDtls>	[0..*]	±		1788
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1789
	TransactionDetails <TxDtls>	[1..1]			1790
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		1795

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AcctpdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <AggtTx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrtctdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1810
	AuthorisationResult <AuthstnRslt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814
	CustomerOrder <CstmrOrd>	[0..*]	±		1814
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1814
	Receipt <Rct>	[0..*]	±		1815
	RepeatedStoredValueResponse <RpeatdStordValRspn>	[0..1]			1815
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1821
	POITransactionIdentification <POITxld>	[1..1]	±		1821
	Result <Rslt>	[0..*]			1821
	Provider <Prvdr>	[0..1]	Text		1826
	TransactionType <TxTp>	[1..1]	CodeSet		1827
	AccountIdentification <Acctld>	[0..1]			1827
	AccountType <AcctTp>	[0..1]	CodeSet		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1830
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <Pmtlnstrm>	[0..*]	CodeSet		1835
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1836
	TransactionType <TxTp>	[1..1]	CodeSet		1836

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConv>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtdAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrtctdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874
	CustomerOrder <CstmrOrd>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876
	ProductCode <PdctCd>	[0..1]	Text		1876
	EANUPC <EANUPC>	[0..1]	Text		1876
	ItemAmount <ItmAmt>	[0..1]	Amount		1876
	Currency <Ccy>	[0..1]	CodeSet	C1	1876
	HostTransactionIdentification <HstTxId>	[0..1]	±		1877
	Receipt <Rct>	[0..*]	±		1877
	RepeatedCardAcquisitionResponse <RpeatdCardAcqstnRspn>	[0..1]			1877
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1877
	POITransactionIdentification <POITxId>	[1..1]	±		1878
	PaymentBrand <PmtBrnd>	[0..*]	Text		1878
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1878
	LoyaltyAccount <LltyAcct>	[0..*]	±		1878
	CustomerOrder <CstmrOrd>	[0..*]	±		1879
	RepeatedSendApplicationProtocolDataUnitCardReaderResponse <RpeatdSndApplPrtcolDataUnitCardRdrRspn>	[0..1]			1879
	Data <Data>	[0..1]	Binary		1880
	CardStatus <CardSts>	[1..1]	Binary		1880
	Response <Rspn>	[1..1]	±		1880
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1880

16.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <BklId>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

16.4.2.2 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]			1703
	CardPresent <CardPres>	[0..1]	Indicator		1703
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1703
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1704
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1704
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1704
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1704
	BusinessArea <BizArea>	[0..1]	CodeSet		1705
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1705
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1705
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1706
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1706
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1707
	SaleContext <SaleCntxt>	[0..1]			1707
	SaleIdentification <SaleId>	[0..1]	Text		1708
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1708
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1709
	CashierIdentification <CshrId>	[0..1]	Text		1709
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1709
	ShiftNumber <ShftNb>	[0..1]	Text		1709
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1709
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1709
	InvoiceNumber <InvcNb>	[0..1]	Text		1709
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1710
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1710
	CommonName <CmonNm>	[1..1]	Text		1710
	Address <Adr>	[0..1]	Text		1710
	CountryCode <CtryCd>	[1..1]	CodeSet		1710
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1710
	RegisteredIdentifier <Regldr>	[1..1]	Text		1710
	SplitPayment <Spltpmt>	[0..1]	Indicator		1711

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1711
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1711
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1711
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1711
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1712
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1712
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1712
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1713
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1713
	SystemToNotify <SysToNtfy>	[0..1]	Text		1713
	Debtor <Dbtr>	[0..1]	±		1714
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1715
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1715
	Creditor <Cdtr>	[0..1]	±		1715
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1716
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1717
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1717
	Debtor <Dbtr>	[0..1]	±		1718
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1719
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1720
	Creditor <Cdtr>	[0..1]	±		1720
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1721
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1722
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1722
	MandateIdentification <Mndtld>	[1..1]	Text		1723
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1723
	MandateImage <Mndtlmg>	[0..1]	Binary		1723
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1723

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

16.4.2.2.1 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		1703
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1703
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1704
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1704
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1704
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1704
	BusinessArea <BizArea>	[0..1]	CodeSet		1705
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1705
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1705
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1706
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1706
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1707

16.4.2.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2346

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.

16.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

16.4.2.2.1.6 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 2400

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.

16.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

16.4.2.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.1.9 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 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

16.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

16.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

16.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

16.4.2.2.2 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		1708
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1708
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1709
	CashierIdentification <CshrId>	[0..1]	Text		1709
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1709
	ShiftNumber <ShftNb>	[0..1]	Text		1709
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1709
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1709
	InvoiceNumber <InvcNb>	[0..1]	Text		1709
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1710
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1710
	CommonName <CmonNm>	[1..1]	Text		1710
	Address <Adr>	[0..1]	Text		1710
	CountryCode <CtryCd>	[1..1]	CodeSet		1710
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1710
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1710
	SplitPayment <Spltpmt>	[0..1]	Indicator		1711
	RemainingAmount <RmngAmt>	[0..1]	Amount		1711
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1711
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1711
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1711
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1712
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1712

16.4.2.2.2.1 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 2411

16.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

16.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

16.4.2.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.11 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		1710
	Address <Adr>	[0..1]	Text		1710
	CountryCode <CtryCd>	[1..1]	CodeSet		1710
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1710
	RegisteredIdentifier <Regldr>	[1..1]	Text		1710

16.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

16.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

16.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

16.4.2.2.2.11.4 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 2414

16.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

16.4.2.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.2.13 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 2332

16.4.2.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

16.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

16.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

16.4.2.2.3 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		1713
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1713
	SystemToNotify <SysToNtfy>	[0..1]	Text		1713
	Debtor <Dbtr>	[0..1]	±		1714
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1715
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1715
	Creditor <Cdtr>	[0..1]	±		1715
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1716
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1717

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

16.4.2.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

16.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

16.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

16.4.2.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

16.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

16.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

16.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

16.4.2.2.4 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]	±		1718
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1719
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1720
	Creditor <Cdtr>	[0..1]	±		1720
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1721
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1722
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1722
	MandateIdentification <MndtId>	[1..1]	Text		1723
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1723
	MandateImage <MndtImg>	[0..1]	Binary		1723
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1723

16.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

16.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

16.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

16.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

16.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

16.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

16.4.2.2.4.7 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		1723
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1723
	MandateImage <MndtImg>	[0..1]	Binary		1723
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1723

16.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

16.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

16.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

16.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

16.4.2.3 MessageStatusResponseData <MsgStsRspnData>

Presence: [1..1]

Definition: Content of the Message status Response.

MessageStatusResponseData <MsgStsRspnData> contains the following
MessageStatusResponseData9 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1735
	InitiatingParty <InitgPty>	[1..1]	±		1735
	TransactionResponse <TxRspn>	[1..1]	±		1736
	RepeatedLoyaltyResponse <RepeatdLltyRspn>	[0..1]			1736
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1737
	POITransactionIdentification <POITxId>	[1..1]	±		1737
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1738
	Result <Rslt>	[0..*]			1738
	Account <Acct>	[1..1]	±		1738
	Amount <Amt>	[0..1]			1739
	Unit <Unit>	[0..1]	CodeSet		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740
	ServerData <SvrData>	[0..1]			1740
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1740
	ApprovalCode <ApprvICd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741
	Rebates <Rbts>	[0..1]			1741
	TotalRebate <TtlRbt>	[0..1]	Amount		1741
	RebateLabel <RbtLbl>	[0..1]	Text		1741
	SaleItemRebate <SaleItmRbt>	[0..*]			1741
	SaleItem <SaleItm>	[1..1]	±		1742
	RebateLabel <RbtLbl>	[0..1]	Text		1742
	RepeatedPaymentResponse <RepeatdPmtRspn>	[0..1]			1742
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1744
	POITransactionIdentification <POITxId>	[1..1]	±		1744
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1744
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1744

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1744
	PaymentReceipt <PmtRct>	[0..*]	±		1751
	LoyaltyResult <LltyRslt>	[0..*]			1752
	Account <Acct>	[1..1]	±		1752
	Amount <Amt>	[0..1]			1753
	Unit <Unit>	[0..1]	CodeSet		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754
	ServerData <SvrData>	[0..1]			1754
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1754
	ApprovalCode <ApprvlCd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1755
	Rebates <Rbts>	[0..1]			1755
	TotalRebate <TtlRbt>	[0..1]	Amount		1755
	RebateLabel <RbtLbl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLbl>	[0..1]	Text		1756
	CustomerOrder <CstmrOrdr>	[0..*]	±		1756
	RepeatedReversalResponse <RepeatdRvslRspn>	[0..1]			1757
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1762
	POITransactionIdentification <POITxId>	[1..1]	±		1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1763
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1763
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1768
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1768
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1774
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnlTx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIID>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <DclrtDtls>	[0..*]	±		1788
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1789
	TransactionDetails <TxDtls>	[1..1]			1790
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <Aggtntx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrtctdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1810
	AuthorisationResult <AuthstnRslt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814
	CustomerOrder <CstmrOrd>	[0..*]	±		1814
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1814
	Receipt <Rct>	[0..*]	±		1815
	RepeatedStoredValueResponse <RpeatdStordValRspn>	[0..1]			1815
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1821
	POITransactionIdentification <POITxld>	[1..1]	±		1821
	Result <Rslt>	[0..*]			1821
	Provider <Prvdr>	[0..1]	Text		1826
	TransactionType <TxTp>	[1..1]	CodeSet		1827
	AccountIdentification <Acctld>	[0..1]			1827
	AccountType <AcctTp>	[0..1]	CodeSet		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1830
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1835
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1836

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1836
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtDtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1857

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrtctdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874
	CustomerOrder <CstmrOrd>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876
	ProductCode <PdctCd>	[0..1]	Text		1876
	EANUPC <EANUPC>	[0..1]	Text		1876
	ItemAmount <ItmAmt>	[0..1]	Amount		1876
	Currency <Ccy>	[0..1]	CodeSet	C1	1876
	HostTransactionIdentification <HstTxId>	[0..1]	±		1877
	Receipt <Rct>	[0..*]	±		1877
	RepeatedCardAcquisitionResponse <RpeatdCardAcqstnRspn>	[0..1]			1877
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1877
	POITransactionIdentification <POITxId>	[1..1]	±		1878
	PaymentBrand <PmtBrnd>	[0..*]	Text		1878
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1878
	LoyaltyAccount <LtyAcct>	[0..*]	±		1878
	CustomerOrder <CstmrOrdr>	[0..*]	±		1879
	RepeatedSendApplicationProtocolDataUnitCardReaderResponse <RpeatdSndApplPrtrcolDataUnitCardRdrRspn>	[0..1]			1879
	Data <Data>	[0..1]	Binary		1880
	CardStatus <CardSts>	[1..1]	Binary		1880

16.4.2.3.1 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Identification of the requested previous message.

Datatype: "Max35Text" on page 2411

16.4.2.3.2 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Party that has initiated the previous message.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

16.4.2.3.3 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Specific response of the Repeated Message sent back by the POI System.

TransactionResponse <TxRspn> contains the following elements (see "[ResponseType11](#)" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

16.4.2.3.4 RepeatedLoyaltyResponse <RepeatdLltyRspn>

Presence: [0..1]

Definition: Content of the requested Loyalty Message Response.

RepeatedLoyaltyResponse <RepeatdLltyRspn> contains the following **LoyaltyResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1737
	POITransactionIdentification <POITxId>	[1..1]	±		1737
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1738
	Result <RsIt>	[0..*]			1738
	Account <Acct>	[1..1]	±		1738
	Amount <Amt>	[0..1]			1739
	Unit <Unit>	[0..1]	CodeSet		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740
	ServerData <SvrData>	[0..1]			1740
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1740
	ApprovalCode <ApprvICd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741
	Rebates <Rbts>	[0..1]			1741
	TotalRebate <TtlRbt>	[0..1]	Amount		1741
	RebateLabel <RbtLabl>	[0..1]	Text		1741
	SaleItemRebate <SaleitmRbt>	[0..*]			1741
	SaleItem <Saleitm>	[1..1]	±		1742
	RebateLabel <RbtLabl>	[0..1]	Text		1742

16.4.2.3.4.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.4.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.4.3 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "[Max35Text](#)" on page 2411

16.4.2.3.4.4 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]	±		1738
	Amount <Amt>	[0..1]			1739
	Unit <Unit>	[0..1]	CodeSet		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740
	ServerData <SvrData>	[0..1]			1740
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1740
	ApprovalCode <ApprvICd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741
	Rebates <Rbts>	[0..1]			1741
	TotalRebate <TtlRbt>	[0..1]	Amount		1741
	RebateLabel <RbtLabl>	[0..1]	Text		1741
	SaleItemRebate <SaleItmRbt>	[0..*]			1741
	SaleItem <SaleItm>	[1..1]	±		1742
	RebateLabel <RbtLabl>	[0..1]	Text		1742

16.4.2.3.4.4.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

16.4.2.3.4.4.2 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		1739
	Currency <Ccy>	[0..1]	CodeSet	C1	1739
	Amount <Amt>	[1..1]	Amount		1740

16.4.2.3.4.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

16.4.2.3.4.4.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: [C1 "ActiveCurrency"](#)

Datatype: "[ActiveCurrencyCode](#)" on page 2336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.4.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.4.4.3 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		1740
	ApprovalCode <ApprvICd>	[0..1]	Text		1740
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1740
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1741

16.4.2.3.4.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

16.4.2.3.4.4.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2414

16.4.2.3.4.4.3.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.4.4.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

16.4.2.3.4.4.4 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		1741
	RebateLabel <RbtLbl>	[0..1]	Text		1741
	SaleItemRebate <SaleItmRbt>	[0..*]			1741
	SaleItem <SaleItm>	[1..1]	±		1742
	RebateLabel <RbtLbl>	[0..1]	Text		1742

16.4.2.3.4.4.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.4.4.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

16.4.2.3.4.4.4.3 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]	±		1742
	RebateLabel <RbtLbl>	[0..1]	Text		1742

16.4.2.3.4.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

16.4.2.3.4.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

16.4.2.3.5 RepeatedPaymentResponse <RpeatdPmtRspn>

Presence: [0..1]

Definition: Content of the requested Payment Message Response.

RepeatedPaymentResponse <RpeatdPmtRspn> contains the following **PaymentResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1743
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1744
	POITransactionIdentification <POITxId>	[1..1]	±		1744
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1744
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1744
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1744
	PaymentReceipt <PmtRct>	[0..*]	±		1751
	LoyaltyResult <LltyRslt>	[0..*]			1752
	Account <Acct>	[1..1]	±		1752
	Amount <Amt>	[0..1]			1753
	Unit <Unit>	[0..1]	CodeSet		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754
	ServerData <SvrData>	[0..1]			1754
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1754
	ApprovalCode <ApprvlCd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1755
	Rebates <Rbts>	[0..1]			1755
	TotalRebate <TtlRbt>	[0..1]	Amount		1755
	RebateLabel <RbtLabl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLabl>	[0..1]	Text		1756
	CustomerOrder <CstmrOrd>	[0..*]	±		1756

16.4.2.3.5.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.5.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: ["Max35Text"](#) on page 2411

16.4.2.3.5.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.5.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: ["Max35Text"](#) on page 2411

16.4.2.3.5.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: ["Max140Text"](#) on page 2409

16.4.2.3.5.6 RetailerPaymentResult <RtlrPmtRsIt>

Presence: [1..1]

Definition: Data related to the result of a processed payment transaction.

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see
"RetailerPaymentResult7" on page 2133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2152
	TransactionIdentification <TxId>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrd>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrd>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

16.4.2.3.5.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

16.4.2.3.5.8 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

LoyaltyResult <LtyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1752
	Amount <Amt>	[0..1]			1753
	Unit <Unit>	[0..1]	CodeSet		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754
	ServerData <SvrData>	[0..1]			1754
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1754
	ApprovalCode <ApprvlCd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1755
	Rebates <Rbts>	[0..1]			1755
	TotalRebate <TtlRbt>	[0..1]	Amount		1755
	RebateLabel <RbtLbl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLbl>	[0..1]	Text		1756

16.4.2.3.5.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

16.4.2.3.5.8.2 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		1753
	Currency <Ccy>	[0..1]	CodeSet	C1	1753
	Amount <Amt>	[1..1]	Amount		1754

16.4.2.3.5.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

16.4.2.3.5.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: [C1 "ActiveCurrency"](#)

Datatype: "[ActiveCurrencyCode](#)" on page 2336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.5.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.5.8.3 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		1754
	ApprovalCode <ApprvICd>	[0..1]	Text		1754
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1754
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1755

16.4.2.3.5.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2411

16.4.2.3.5.8.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2414

16.4.2.3.5.8.3.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.5.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2411

16.4.2.3.5.8.4 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		1755
	RebateLabel <RbtLabl>	[0..1]	Text		1755
	SaleItemRebate <SaleItmRbt>	[0..*]			1755
	SaleItem <SaleItm>	[1..1]	±		1756
	RebateLabel <RbtLabl>	[0..1]	Text		1756

16.4.2.3.5.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.5.8.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

16.4.2.3.5.8.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1756
	RebateLabel <RbtLbl>	[0..1]	Text		1756

16.4.2.3.5.8.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

16.4.2.3.5.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2411

16.4.2.3.5.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrdR> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdRId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdRStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

16.4.2.3.6 RepeatedReversalResponse <RepeatdRvslRspn>

Presence: [0..1]

Definition: Content of the requested Reversal Message Response.

RepeatedReversalResponse <RepeatdRvslRspn> contains the following **ReversalResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1762
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1762
	POITransactionIdentification <POITxId>	[1..1]	±		1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1763
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1763
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1763
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1768
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1768
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1774
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnlTx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIId>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1788
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1789

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtls>	[1..1]			1790
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <ApblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtDtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <AggtTx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrctcdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1810
	AuthorisationResult <AuthstnRsIt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814
	CustomerOrder <CstmrOrd>	[0..*]	±		1814
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1814
	Receipt <Rct>	[0..*]	±		1815

16.4.2.3.6.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.6.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.3 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.6.4 POIReconciliationIdentification <POIRcnclntId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

16.4.2.3.6.6 ReversalTransactionResult <RvslTxRslt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvslTxRslt> contains the following **RetailerReversalResult7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1768
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1768
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1774
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnlTx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIID>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <DcmI>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1788
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1789
	TransactionDetails <TxDtls>	[1..1]			1790
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtDtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <AggtnTx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrtctdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1810
	AuthorisationResult <AuthstnRslt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814
	CustomerOrder <CstmrOrd>	[0..*]	±		1814

16.4.2.3.6.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnlPmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1773
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1773
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1774
	TransactionType <TxTp>	[1..1]	CodeSet		1774
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1775
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1776
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1776
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1776
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1777
	TransactionIdentification <TxId>	[1..1]	±		1777
	OriginalTransaction <OrgnlTx>	[0..1]			1777
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIID>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <ApblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <DclrtDtls>	[0..*]	±		1788
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1789
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1789
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1789
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1789
	TransactionDetails <TxDtls>	[1..1]			1790
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <AggtnTx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DivryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrctcdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1810
	AuthorisationResult <AuthstnRslt>	[0..1]			1810
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1812
	CustomerOrder <CstmrOrd>	[0..1]	±		1812
	CustomerToken <CstmrTkn>	[0..1]	±		1812
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1813
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1813
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1813
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1813
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1814
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1814
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1814

16.4.2.3.6.6.2.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.6.6.2.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries,

CodeName	Name	Definition
		authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

16.4.2.3.6.6.2.3 PaymentTypeInfoInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInfoInformation <PmtTpInf> contains the following elements (see "PaymentTypeInfoInformation26" on page 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrt>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

16.4.2.3.6.6.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

16.4.2.3.6.6.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

16.4.2.3.6.6.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

16.4.2.3.6.6.2.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.6.6.2.8 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2414

16.4.2.3.6.6.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.10 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.6.6.2.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1779
	TransactionIdentification <TxId>	[1..1]	±		1779
	POIIdentification <POIId>	[1..1]	±		1779
	CurrencyConversion <CcyConvs>	[0..1]			1779
	Result <RsIt>	[1..1]	CodeSet		1782
	ResultReason <RsItRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsItgAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1788

16.4.2.3.6.6.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.11.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction assigned by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.6.6.2.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

16.4.2.3.6.6.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1782
	ResultReason <RsltRsn>	[0..1]	Text		1782
	ConversionDetails <ConvsDtls>	[0..*]			1782
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkupDetails <MrkUpDtls>	[0..*]			1788

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1788

16.4.2.3.6.6.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

16.4.2.3.6.6.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1784
	TargetCurrency <TrgtCcy>	[1..1]			1784
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784
	ResultingAmount <RsltAmt>	[0..1]	Amount		1785
	ExchangeRate <XchgRate>	[1..1]	Rate		1785
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1785
	QuotationDate <QtnDt>	[0..1]	DateTime		1785
	ValidFrom <VldFr>	[0..1]	DateTime		1785
	ValidUntil <VldUntil>	[0..1]	DateTime		1785
	SourceCurrency <SrcCcy>	[1..1]			1785
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786
	ApplicableBinRange <AplblBinRg>	[0..*]			1786
	LowerBin <LwrBin>	[1..1]	Text		1787
	HigherBin <HghrBin>	[1..1]	Text		1787
	OriginalAmount <OrgnlAmt>	[0..1]			1787
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787
	CommissionDetails <ComssnDtls>	[0..*]			1788
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	MarkUpDetails <MrkUpDtls>	[0..*]			1788
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788
	DeclarationDetails <DclrtDtls>	[0..*]	±		1788

16.4.2.3.6.6.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.11.4.3.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1784
	NumericCode <NmrcCd>	[1..1]	Text		1784
	Decimal <Dcml>	[1..1]	Quantity		1784
	Name <Nm>	[0..1]	Text		1784

16.4.2.3.6.6.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.6.6.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.6.6.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.6.6.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.11.4.3.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2407

16.4.2.3.6.6.2.11.4.3.5 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 2407

16.4.2.3.6.6.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1786
	NumericCode <NmrcCd>	[0..1]	Text		1786
	Decimal <Dcml>	[0..1]	Quantity		1786
	Name <Nm>	[0..1]	Text		1786

16.4.2.3.6.6.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.6.6.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.6.6.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.6.6.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.11.4.3.10 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		1787
	HigherBin <HghrBin>	[1..1]	Text		1787

16.4.2.3.6.6.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.6.6.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.6.6.2.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1787
	MinimumAmount <MinAmt>	[0..1]	Amount		1787
	MaximumAmount <MaxAmt>	[0..1]	Amount		1787

16.4.2.3.6.6.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788

16.4.2.3.6.6.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

16.4.2.3.6.6.2.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1788
	AdditionalInformation <AddtlInf>	[0..1]	Text		1788

16.4.2.3.6.6.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

16.4.2.3.6.6.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

16.4.2.3.6.6.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBracd>	[0..1]			2108
	BarcodeType <BracdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BracdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

16.4.2.3.6.6.2.12 ReconciliationIdentification <RcncltId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

16.4.2.3.6.6.2.14 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

16.4.2.3.6.6.2.15 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2409

16.4.2.3.6.6.2.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1793
	TotalAmount <TtlAmt>	[1..1]	Amount		1793
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1793
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1793
	DetailedAmount <DtldAmt>	[0..1]	±		1793
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1794
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1794
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1794
	ValidityDate <VldtyDt>	[0..1]	Date		1794
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1794
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1795
	AccountType <AcctTp>	[0..1]	CodeSet		1795
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1804
	Instalment <Instlmt>	[0..*]	±		1805
	Recurring <Rcrng>	[0..1]	±		1806
	AggregationTransaction <Aggtntx>	[0..1]	±		1807
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1807
	SaleItem <Saleitm>	[0..*]	±		1807
	DeliveryLocation <DivryLctn>	[0..1]	Text		1808
	ReSubmissionCounter <ReSubmissnCntnr>	[0..1]	Quantity		1808
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1808
	CompletionSequenceCounter <CmpltnSeqCntnr>	[0..1]	Quantity		1808
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..*]			1809
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrctcdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1810

16.4.2.3.6.6.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.6.6.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

16.4.2.3.6.6.2.16.5 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transaction.

DetailedAmount <DtIdAmt> contains the following elements (see "DetailedAmount15" on page 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

16.4.2.3.6.6.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

16.4.2.3.6.6.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

16.4.2.3.6.6.2.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2411

16.4.2.3.6.6.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

16.4.2.3.6.6.2.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1798
	Conversion <Convs>	[0..1]			1798
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1804

16.4.2.3.6.6.2.16.13.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.6.6.2.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1800
	TargetCurrency <TrgtCcy>	[1..1]			1800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800
	ResultingAmount <RsltAmt>	[0..1]	Amount		1801
	ExchangeRate <XchgRate>	[1..1]	Rate		1801
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1801
	QuotationDate <QtnDt>	[0..1]	DateTime		1801
	ValidFrom <VldFr>	[0..1]	DateTime		1801
	ValidUntil <VldUntil>	[0..1]	DateTime		1801
	SourceCurrency <SrcCcy>	[1..1]			1801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802
	ApplicableBinRange <AplblBinRg>	[0..*]			1802
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803
	OriginalAmount <OrgnlAmt>	[0..1]			1803
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803
	CommissionDetails <ComssnDtls>	[0..*]			1804
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	MarkUpDetails <MrkUpDtls>	[0..*]			1804
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804
	DeclarationDetails <DclrtDtls>	[0..*]	±		1804

16.4.2.3.6.6.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.16.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1800
	NumericCode <NmrcCd>	[1..1]	Text		1800
	Decimal <Dcml>	[1..1]	Quantity		1800
	Name <Nm>	[0..1]	Text		1800

16.4.2.3.6.6.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.6.6.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.6.6.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.6.6.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2407

16.4.2.3.6.6.2.16.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2407

16.4.2.3.6.6.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

16.4.2.3.6.6.2.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1802
	NumericCode <NmrcCd>	[0..1]	Text		1802
	Decimal <Dcml>	[0..1]	Quantity		1802
	Name <Nm>	[0..1]	Text		1802

16.4.2.3.6.6.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.6.6.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.6.6.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.6.6.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.16.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1803
	HigherBin <HghrBin>	[1..1]	Text		1803

16.4.2.3.6.6.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.6.6.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.6.6.2.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1803
	MinimumAmount <MinAmt>	[0..1]	Amount		1803
	MaximumAmount <MaxAmt>	[0..1]	Amount		1803

16.4.2.3.6.6.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804

16.4.2.3.6.6.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

16.4.2.3.6.6.2.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1804
	AdditionalInformation <AddtlInf>	[0..1]	Text		1804

16.4.2.3.6.6.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

16.4.2.3.6.6.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

16.4.2.3.6.6.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

16.4.2.3.6.6.2.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

16.4.2.3.6.6.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

16.4.2.3.6.6.2.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see ["AggregationTransaction3"](#) on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

16.4.2.3.6.6.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 2408

16.4.2.3.6.6.2.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItem> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

16.4.2.3.6.6.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2411

16.4.2.3.6.6.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2406

16.4.2.3.6.6.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

16.4.2.3.6.6.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

16.4.2.3.6.6.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.6.2.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1809
	Value <Val>	[0..1]	Binary		1809
	ProtectedValue <PrctcdVal>	[0..1]	±		1809
	Type <Tp>	[0..1]	Text		1810

16.4.2.3.6.6.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

16.4.2.3.6.6.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

16.4.2.3.6.6.2.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

16.4.2.3.6.6.2.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

16.4.2.3.6.6.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

16.4.2.3.6.6.2.17 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1810
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1811
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1812

16.4.2.3.6.6.2.17.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

16.4.2.3.6.6.2.17.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1811
	ResponseReason <RspnRsn>	[0..1]	Text		1811
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1812

16.4.2.3.6.6.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

16.4.2.3.6.6.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

16.4.2.3.6.6.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

16.4.2.3.6.6.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

16.4.2.3.6.6.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2413

16.4.2.3.6.6.2.19 CustomerOrder <CstmrOrdrr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

16.4.2.3.6.6.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2329

16.4.2.3.6.6.2.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.6.6.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "[Max35Text](#)" on page 2411

16.4.2.3.6.6.2.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "[Max35Text](#)" on page 2411

16.4.2.3.6.6.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

16.4.2.3.6.6.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

16.4.2.3.6.6.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

16.4.2.3.6.6.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

16.4.2.3.6.6.3 CustomerOrder <CstmrOrd>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

16.4.2.3.6.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.6.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following elements (see "[PaymentReceipt6](#)" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

16.4.2.3.7 RepeatedStoredValueResponse <RepeatdStordValRspn>

Presence: [0..1]

Definition: Content of the requested StoredValue Message Response.

RepeatedStoredValueResponse <RepeatdStordValRspn> contains the following
StoredValueResponse8 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1821
	POITransactionIdentification <POITxId>	[1..1]	±		1821
	Result <Rslt>	[0..*]			1821
	Provider <Prvdr>	[0..1]	Text		1826
	TransactionType <TxTp>	[1..1]	CodeSet		1827
	AccountIdentification <AcctId>	[0..1]			1827
	AccountType <AcctTp>	[0..1]	CodeSet		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1830
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1835
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1836
	TransactionType <TxTp>	[1..1]	CodeSet		1836
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtnTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <SaleItm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctcdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874
	CustomerOrder <CstmrOrd>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876
	ProductCode <PdctCd>	[0..1]	Text		1876
	EANUPC <EANUPC>	[0..1]	Text		1876
	ItemAmount <ItmAmt>	[0..1]	Amount		1876
	Currency <Ccy>	[0..1]	CodeSet	C1	1876

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HostTransactionIdentification <HstTxId>	[0..1]	±		1877
	Receipt <Rct>	[0..*]	±		1877

16.4.2.3.7.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.7.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.7.3 Result <RsIt>

Presence: [0..*]

Definition: Result of loading/reloading a stored value card.

Result <Rslt> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1826
	TransactionType <TxTp>	[1..1]	CodeSet		1827
	AccountIdentification <AcctId>	[0..1]			1827
	AccountType <AcctTp>	[0..1]	CodeSet		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1830
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1835
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1836
	TransactionType <TxTp>	[1..1]	CodeSet		1836
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIId>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtnTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874
	CustomerOrder <CstmrOrdrr>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876
	ProductCode <PdctCd>	[0..1]	Text		1876
	EANUPC <EANUPC>	[0..1]	Text		1876
	ItemAmount <ItmAmt>	[0..1]	Amount		1876
	Currency <Ccy>	[0..1]	CodeSet	C1	1876
	HostTransactionIdentification <HstTxId>	[0..1]	±		1877

16.4.2.3.7.3.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.2 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 2396

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.

16.4.2.3.7.3.3 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		1827
	IdentificationType <IdTp>	[0..1]	CodeSet		1828
	Identification <Id>	[0..1]	Text		1829
	Brand <Brnd>	[0..1]	Text		1829
	Provider <Prvdr>	[0..1]	Text		1829
	OwnerName <OwnrNm>	[0..1]	Text		1829
	ExpiryDate <XpryDt>	[0..1]	Text		1829
	EntryMode <NtryMd>	[0..1]	CodeSet		1829
	Currency <Ccy>	[0..1]	CodeSet	C1	1830
	Balance <Bal>	[0..1]	Amount		1830

16.4.2.3.7.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

16.4.2.3.7.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

16.4.2.3.7.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

16.4.2.3.7.3.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

16.4.2.3.7.3.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

16.4.2.3.7.3.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4 OriginalPOITransaction <OrgnIPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1835
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1835
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1836
	TransactionType <TxTp>	[1..1]	CodeSet		1836
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1837
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1838
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1838
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1838
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1839
	TransactionIdentification <TxId>	[1..1]	±		1839
	OriginalTransaction <OrgnlTx>	[0..1]			1839
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <DcmI>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1850
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1851
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1851
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1851
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1851
	TransactionDetails <TxDtls>	[1..1]			1852
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1856

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtnTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <Saleitm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctcdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1872
	AuthorisationResult <AuthstnRslt>	[0..1]			1872
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1874

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		1874
	CustomerToken <CstmrTkn>	[0..1]	±		1874
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1875
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1875
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1875
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1875
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1876
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1876
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1876

16.4.2.3.7.3.4.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.7.3.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

16.4.2.3.7.3.4.3 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 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

16.4.2.3.7.3.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

16.4.2.3.7.3.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

16.4.2.3.7.3.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

16.4.2.3.7.3.4.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.7.3.4.8 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 2414

16.4.2.3.7.3.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.7.3.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1841
	TransactionIdentification <TxId>	[1..1]	±		1841
	POIIdentification <POIID>	[1..1]	±		1841
	CurrencyConversion <CcyConvs>	[0..1]			1841
	Result <RsIt>	[1..1]	CodeSet		1844
	ResultReason <RsItRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsItgAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1850

16.4.2.3.7.3.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.7.3.4.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

16.4.2.3.7.3.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1844
	ResultReason <RsltRsn>	[0..1]	Text		1844
	ConversionDetails <ConvsDtls>	[0..*]			1844
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplblBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkupDetails <MrkUpDtls>	[0..*]			1850

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1850

16.4.2.3.7.3.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

16.4.2.3.7.3.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1846
	TargetCurrency <TrgtCcy>	[1..1]			1846
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846
	ResultingAmount <RsltAmt>	[0..1]	Amount		1847
	ExchangeRate <XchgRate>	[1..1]	Rate		1847
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1847
	QuotationDate <QtnDt>	[0..1]	DateTime		1847
	ValidFrom <VldFr>	[0..1]	DateTime		1847
	ValidUntil <VldUntil>	[0..1]	DateTime		1847
	SourceCurrency <SrcCcy>	[1..1]			1847
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848
	ApplicableBinRange <AplBlBinRg>	[0..*]			1848
	LowerBin <LwrBin>	[1..1]	Text		1849
	HigherBin <HghrBin>	[1..1]	Text		1849
	OriginalAmount <OrgnlAmt>	[0..1]			1849
	ActualAmount <ActlAmt>	[0..1]	Amount		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849
	CommissionDetails <ComssnDtls>	[0..*]			1850
	Amount <Amt>	[1..1]	Amount		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	MarkUpDetails <MrkUpDtls>	[0..*]			1850
	Rate <Rate>	[1..1]	Rate		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850
	DeclarationDetails <DclrtDtls>	[0..*]	±		1850

16.4.2.3.7.3.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.11.4.3.2 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	1846
	NumericCode <NmrcCd>	[1..1]	Text		1846
	Decimal <Dcml>	[1..1]	Quantity		1846
	Name <Nm>	[0..1]	Text		1846

16.4.2.3.7.3.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.7.3.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.7.3.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.11.4.3.4 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 2407

16.4.2.3.7.3.4.11.4.3.5 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 2407

16.4.2.3.7.3.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.11.4.3.9 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	1848
	NumericCode <NmrcCd>	[0..1]	Text		1848
	Decimal <Dcml>	[0..1]	Quantity		1848
	Name <Nm>	[0..1]	Text		1848

16.4.2.3.7.3.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.7.3.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.7.3.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.11.4.3.10 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		1849
	HigherBin <HghrBin>	[1..1]	Text		1849

16.4.2.3.7.3.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.7.3.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.7.3.4.11.4.3.11 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		1849
	MinimumAmount <MinAmt>	[0..1]	Amount		1849
	MaximumAmount <MaxAmt>	[0..1]	Amount		1849

16.4.2.3.7.3.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.11.4.3.12 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		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850

16.4.2.3.7.3.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

16.4.2.3.7.3.4.11.4.3.13 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		1850
	AdditionalInformation <AddtlInf>	[0..1]	Text		1850

16.4.2.3.7.3.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

16.4.2.3.7.3.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

16.4.2.3.7.3.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

16.4.2.3.7.3.4.12 ReconciliationIdentification <Rcnclntld>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

16.4.2.3.7.3.4.14 IssuerCITIdentification <IssrCITld>

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 2409

16.4.2.3.7.3.4.15 MerchantCITIdentification <MrchntCITld>

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 2409

16.4.2.3.7.3.4.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1855
	TotalAmount <TtlAmt>	[1..1]	Amount		1855
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1855
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1855
	DetailedAmount <DtldAmt>	[0..1]	±		1855
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1856
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1856
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1856
	ValidityDate <VldtyDt>	[0..1]	Date		1856
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1856
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1857
	AccountType <AcctTp>	[0..1]	CodeSet		1857
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1858
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <ApblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtDtls>	[0..*]	±		1866
	Instalment <Instlmt>	[0..*]	±		1867
	Recurring <Rcrng>	[0..1]	±		1868
	AggregationTransaction <AggtTx>	[0..1]	±		1869
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1869
	SaleItem <SaleItm>	[0..*]	±		1869
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1870
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1870
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1870
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1870
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1871
	AdditionalInformation <AddtlInf>	[0..*]			1871
	Identification <Id>	[1..1]	Text		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctcdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1872

16.4.2.3.7.3.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

16.4.2.3.7.3.4.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

16.4.2.3.7.3.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

16.4.2.3.7.3.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

16.4.2.3.7.3.4.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2411

16.4.2.3.7.3.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

16.4.2.3.7.3.4.16.13 CurrencyConversionResult <CcyConvRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1860
	Conversion <Convs>	[0..1]			1860
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplblBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1866

16.4.2.3.7.3.4.16.13.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.7.3.4.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1862
	TargetCurrency <TrgtCcy>	[1..1]			1862
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862
	ResultingAmount <RsltAmt>	[0..1]	Amount		1863
	ExchangeRate <XchgRate>	[1..1]	Rate		1863
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1863
	QuotationDate <QtnDt>	[0..1]	DateTime		1863
	ValidFrom <VldFr>	[0..1]	DateTime		1863
	ValidUntil <VldUntil>	[0..1]	DateTime		1863
	SourceCurrency <SrcCcy>	[1..1]			1863
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864
	ApplicableBinRange <AplBlBinRg>	[0..*]			1864
	LowerBin <LwrBin>	[1..1]	Text		1865
	HigherBin <HghrBin>	[1..1]	Text		1865
	OriginalAmount <OrgnlAmt>	[0..1]			1865
	ActualAmount <ActlAmt>	[0..1]	Amount		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865
	CommissionDetails <ComssnDtls>	[0..*]			1866
	Amount <Amt>	[1..1]	Amount		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	MarkUpDetails <MrkUpDtls>	[0..*]			1866
	Rate <Rate>	[1..1]	Rate		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866
	DeclarationDetails <DclrtDtls>	[0..*]	±		1866

16.4.2.3.7.3.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.16.13.2.2 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	1862
	NumericCode <NmrcCd>	[1..1]	Text		1862
	Decimal <Dcml>	[1..1]	Quantity		1862
	Name <Nm>	[0..1]	Text		1862

16.4.2.3.7.3.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.7.3.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.7.3.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.13.2.4 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 2407

16.4.2.3.7.3.4.16.13.2.5 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 2407

16.4.2.3.7.3.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

16.4.2.3.7.3.4.16.13.2.9 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	1864
	NumericCode <NmrcCd>	[0..1]	Text		1864
	Decimal <Dcml>	[0..1]	Quantity		1864
	Name <Nm>	[0..1]	Text		1864

16.4.2.3.7.3.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

16.4.2.3.7.3.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

16.4.2.3.7.3.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.16.13.2.10 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		1865
	HigherBin <HghrBin>	[1..1]	Text		1865

16.4.2.3.7.3.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.7.3.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

16.4.2.3.7.3.4.16.13.2.11 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		1865
	MinimumAmount <MinAmt>	[0..1]	Amount		1865
	MaximumAmount <MaxAmt>	[0..1]	Amount		1865

16.4.2.3.7.3.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.13.2.12 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		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866

16.4.2.3.7.3.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

16.4.2.3.7.3.4.16.13.2.13 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		1866
	AdditionalInformation <AddtlInf>	[0..1]	Text		1866

16.4.2.3.7.3.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

16.4.2.3.7.3.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

16.4.2.3.7.3.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

16.4.2.3.7.3.4.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

16.4.2.3.7.3.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

16.4.2.3.7.3.4.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see ["AggregationTransaction3"](#) on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

16.4.2.3.7.3.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 2408

16.4.2.3.7.3.4.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

16.4.2.3.7.3.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.4.16.20 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 2406

16.4.2.3.7.3.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

16.4.2.3.7.3.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

16.4.2.3.7.3.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.4.16.24 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		1871
	Value <Val>	[0..1]	Binary		1871
	ProtectedValue <PrctcdVal>	[0..1]	±		1871
	Type <Tp>	[0..1]	Text		1872

16.4.2.3.7.3.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

16.4.2.3.7.3.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

16.4.2.3.7.3.4.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

16.4.2.3.7.3.4.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

16.4.2.3.7.3.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

16.4.2.3.7.3.4.17 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]	±		1872
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1873
	Response <Rspn>	[1..1]	CodeSet		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1874

16.4.2.3.7.3.4.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

16.4.2.3.7.3.4.17.2 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		1873
	ResponseReason <RspnRsn>	[0..1]	Text		1873
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1874

16.4.2.3.7.3.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

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).

16.4.2.3.7.3.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

16.4.2.3.7.3.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

16.4.2.3.7.3.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

16.4.2.3.7.3.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2413

16.4.2.3.7.3.4.19 CustomerOrder <CstmrOrdrr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

16.4.2.3.7.3.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2329

16.4.2.3.7.3.4.21 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

16.4.2.3.7.3.4.22 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 2411

16.4.2.3.7.3.4.23 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 2411

16.4.2.3.7.3.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

16.4.2.3.7.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

16.4.2.3.7.3.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

16.4.2.3.7.3.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

16.4.2.3.7.3.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2411

16.4.2.3.7.3.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2411

16.4.2.3.7.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

16.4.2.3.7.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

16.4.2.3.7.3.9 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.7.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2129 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

16.4.2.3.8 RepeatedCardAcquisitionResponse <RpeatdCardAcqstnRspn>

Presence: [0..1]

Definition: Content of the requested CardAcquisition Message Response.

RepeatedCardAcquisitionResponse <RpeatdCardAcqstnRspn> contains the following **CardAcquisitionResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1877
	POITransactionIdentification <POITxId>	[1..1]	±		1878
	PaymentBrand <PmtBrnd>	[0..*]	Text		1878
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1878
	LoyaltyAccount <LtyAcct>	[0..*]	±		1878
	CustomerOrder <CstmrOrd>	[0..*]	±		1879

16.4.2.3.8.1 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.8.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

16.4.2.3.8.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: "Max35Text" on page 2411

16.4.2.3.8.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

16.4.2.3.8.5 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

16.4.2.3.8.6 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrdr> contains the following elements (see "[CustomerOrder1](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

16.4.2.3.9 RepeatedSendApplicationProtocolDataUnitCardReaderResponse <RepeatdSndAppIprtcolDataUnitCardRdrRspn>

Presence: [0..1]

Definition: Content of the requested SendApplicationProtocolDataUnitCardReader Message Response.

RepeatedSendApplicationProtocolDataUnitCardReaderResponse
<RepeatdSndApplPrtcolDataUnitCardRdrRspn> contains the following
DeviceSendApplicationProtocolDataUnitCardReaderResponse1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Data <Data>	[0..1]	Binary		1880
	CardStatus <CardSts>	[1..1]	Binary		1880

16.4.2.3.9.1 Data <Data>

Presence: [0..1]

Definition: Class field of the Application Protocol Data Unit command (CLA).

Datatype: "Min1Max256Binary" on page 2334

16.4.2.3.9.2 CardStatus <CardSts>

Presence: [1..1]

Definition: Status of a smartcard response to a command (SW1-SW2). Reference: ISO 7816-4.

Datatype: "Min1Max256Binary" on page 2334

16.4.2.4 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

16.4.2.5 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

16.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on [page 2300](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

17 casp.016.001.07 SaleToPOIDeviceRequestV07

17.1 MessageDefinition Functionality

The SaleTOPOIDeviceRequest message is sent by the sale system to POI system to request a device service.

Outline

The SaleToPOIDeviceRequestV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. DeviceRequest

Information related to a device request.

C. SecurityTrailer

Trailer of the message containing a MAC or a digital signature.

17.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIDvcReq>	[1..1]			
	Header <Hdr>	[1..1]			1884
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1884
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1885
	ExchangeIdentification <XchgId>	[1..1]	Text		1885
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1885
	InitiatingParty <InitgPty>	[1..1]	±		1885
	RecipientParty <RcptPty>	[0..1]	±		1886
	Traceability <Tracblt>	[0..*]	±		1887
	DeviceRequest <DvcReq>	[1..1]	±		1887
	SecurityTrailer <SctyTrlr>	[0..1]	±		1892

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 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.

17.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

17.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1884
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1885
	ExchangeIdentification <Xchgld>	[1..1]	Text		1885
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1885
	InitiatingParty <InitgPty>	[1..1]	±		1885
	RecipientParty <RcptPty>	[0..1]	±		1886
	Traceability <Tracblt>	[0..*]	±		1887

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.

CodeName	Name	Definition
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

17.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

17.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

17.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

17.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

17.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

17.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

17.4.2 DeviceRequest <DvcReq>

Presence: [1..1]

Definition: Information related to a device request.

DeviceRequest <DvcReq> contains the following elements (see "DeviceRequest8" on page 1910 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1915
	Context <Cntxt>	[0..1]		C9	1921
	PaymentContext <PmtCntxt>	[0..1]			1924
	CardPresent <CardPres>	[0..1]	Indicator		1924
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1924
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1925
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1925
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1925
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1925
	BusinessArea <BizArea>	[0..1]	CodeSet		1926
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1926
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1926
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1927
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1927
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1928
	SaleContext <SaleCntxt>	[0..1]			1928
	SaleIdentification <SaleId>	[0..1]	Text		1929
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1929
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1930
	CashierIdentification <CshrId>	[0..1]	Text		1930
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1930
	ShiftNumber <ShftNb>	[0..1]	Text		1930
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1930
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1930
	InvoiceNumber <InvNb>	[0..1]	Text		1930
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1931
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1931
	CommonName <CmonNm>	[1..1]	Text		1931
	Address <Adr>	[0..1]	Text		1931
	CountryCode <CtryCd>	[1..1]	CodeSet		1931

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1931
	RegisteredIdentifier <Regldr>	[1..1]	Text		1931
	SplitPayment <SpltPmt>	[0..1]	Indicator		1932
	RemainingAmount <RmngAmt>	[0..1]	Amount		1932
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1932
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1932
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1932
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1933
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1933
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1933
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1934
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1934
	SystemToNotify <SysToNtfy>	[0..1]	Text		1934
	Debtor <Dbtr>	[0..1]	±		1935
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1936
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1936
	Creditor <Cdtr>	[0..1]	±		1936
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1937
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1938
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1938
	Debtor <Dbtr>	[0..1]	±		1939
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1940
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1941
	Creditor <Cdtr>	[0..1]	±		1941
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1942
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1943
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1943
	MandateIdentification <MndtId>	[1..1]	Text		1944
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1944
	MandateImage <MndtImg>	[0..1]	Binary		1944
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1944

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1944
	DisplayRequest <DispReq>	[0..1]			1945
	DisplayOutput <DispOutpt>	[1..*]	±		1945
	InputRequest <InptReq>	[0..1]			1946
	DisplayOutput <DispOutpt>	[0..1]	±		1947
	InputData <InptData>	[1..1]			1948
	DeviceType <DvcTp>	[1..1]	CodeSet		1949
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1949
	InputCommand <InptCmd>	[1..1]	CodeSet		1950
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1951
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1951
	InputText <InptTxt>	[0..1]	±		1951
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1952
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1952
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1952
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1953
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1953
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1953
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1953
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1953
	PrintRequest <PrtReq>	[0..1]			1954
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1954
	ResponseMode <RspnMd>	[1..1]	CodeSet		1954
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1955
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1955
	OutputContent <OutptCntt>	[1..1]	±		1955
	PlayResourceRequest <PlayRsrcReq>	[0..1]			1956
	ResponseMode <RspnMd>	[0..1]	CodeSet		1957
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1957
	SoundVolume <SoundVol>	[0..1]	Rate		1957
	DisplayResolution <DispRsltn>	[0..1]	Text		1957

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Resource <Rsrc>	[0..1]			1957
	ResourceType <RsrcTp>	[1..1]	CodeSet		1958
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1958
	Language <Lang>	[0..1]	CodeSet	C12	1958
	ResourceReference <RsrcRef>	[0..1]	Text		1958
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1959
	SecureInputRequest <ScrInptReq>	[0..1]			1959
	PINRequestType <PINReqTp>	[1..1]	CodeSet		1959
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1960
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1960
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1960
	CardholderPIN <CrhdldrPIN>	[0..1]			1960
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1960
	PINFormat <PINFrmt>	[1..1]	CodeSet		1961
	AdditionalInput <AddtlInpt>	[0..1]	Text		1961
	InitialisationCardReaderRequest <InitlstrCardRdrReq>	[0..1]			1961
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1962
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1962
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1963
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1963
	DisplayOutput <DispOutpt>	[0..1]	±		1963
	CardReaderAPDURequest <CardRdrAPDUReq>	[0..1]			1964
	Class <Clss>	[1..1]	Binary		1964
	Instruction <Instr>	[1..1]	Binary		1964
	Parameter1 <Param1>	[1..1]	Binary		1964
	Parameter2 <Param2>	[1..1]	Binary		1964
	Data <Data>	[0..1]	Binary		1964
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1964
	PowerOffCardReaderRequest <PwrOffCardRdrReq>	[0..1]			1965
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1965
	DisplayOutput <DispOutpt>	[0..1]	±		1965

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransmissionRequest <TrnsmssnReq>	[0..1]			1966
	DestinationAddress <DstnAdr>	[1..1]	±		1966
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1967
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1967
	MessageToSend <MsgToSnd>	[1..1]	Binary		1967
	InputNotification <InptNtfctn>	[0..1]			1967
	ExchangeIdentification <Xchgld>	[1..1]	Text		1967
	OutputContent <OutptCntt>	[1..1]	±		1968
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1968

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

18 casp.017.001.07 SaleToPOIDeviceResponseV07

18.1 MessageDefinition Functionality

The SaleToPOIDeviceResponse message is sent by a POI System to sale system to provide result of a device request.

Outline

The SaleToPOIDeviceResponseV07 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Set of characteristics related to the transfer of the request.

B. DeviceResponse

Information related to the response of a device request.

C. SecurityTrailer

Trailer of the message containing a MAC or a digital signature.

18.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SaleToPOIDvcRspn>	[1..1]			
	Header <Hdr>	[1..1]			1895
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1895
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1896
	ExchangeIdentification <XchgId>	[1..1]	Text		1896
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1896
	InitiatingParty <InitgPty>	[1..1]	±		1896
	RecipientParty <RcptPty>	[0..1]	±		1897
	Traceability <Tracblt>	[0..*]	±		1898
	DeviceResponse <DvcRspn>	[1..1]	±		1898
	SecurityTrailer <SctyTrlr>	[0..1]	±		1902

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 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.

18.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

18.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1895
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1896
	ExchangeIdentification <XchgId>	[1..1]	Text		1896
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1896
	InitiatingParty <InitgPty>	[1..1]	±		1896
	RecipientParty <RcptPty>	[0..1]	±		1897
	Traceability <Tracblt>	[0..*]	±		1898

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "RetailerMessage1Code" on page 2385

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.

CodeName	Name	Definition
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2413

18.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Max35Text" on page 2411

18.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2404

18.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

18.4.1.6 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

18.4.1.7 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 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

18.4.2 DeviceResponse <DvcRspn>

Presence: [1..1]

Definition: Information related to the response of a device request.

DeviceResponse <DvcRspn> contains the following elements (see "DeviceResponse8" on page 1969 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1973
	Context <Cntxt>	[0..1]		C9	1979
	PaymentContext <PmtCntxt>	[0..1]			1982
	CardPresent <CardPres>	[0..1]	Indicator		1982
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1982
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1983
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1983
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1983
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1983
	BusinessArea <BizArea>	[0..1]	CodeSet		1984
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1984
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1984
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1985
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1985
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1986
	SaleContext <SaleCntxt>	[0..1]			1986
	SaleIdentification <SaleId>	[0..1]	Text		1987
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1987
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1988
	CashierIdentification <CshrlId>	[0..1]	Text		1988
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1988
	ShiftNumber <ShftNb>	[0..1]	Text		1988
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1988
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1988
	InvoiceNumber <InvNb>	[0..1]	Text		1988
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1989
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1989
	CommonName <CmonNm>	[1..1]	Text		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989
	RegisteredIdentifier <Regldr>	[1..1]	Text		1989
	SplitPayment <SpltPmt>	[0..1]	Indicator		1990
	RemainingAmount <RmngAmt>	[0..1]	Amount		1990
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1990
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1990
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1990
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1991
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1991
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1991
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1992
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1992
	SystemToNotify <SysToNtfy>	[0..1]	Text		1992
	Debtor <Dbtr>	[0..1]	±		1993
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1994
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1994
	Creditor <Cdtr>	[0..1]	±		1994
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1995
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1996
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1996
	Debtor <Dbtr>	[0..1]	±		1997
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1998
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1999
	Creditor <Cdtr>	[0..1]	±		1999
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	2000
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2001
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2001
	MandateIdentification <MndtId>	[1..1]	Text		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2002

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		2002
	DisplayResponse <DispRspn>	[0..1]			2003
	OutputResult <OutptRslt>	[1..*]			2003
	DeviceType <DvcTp>	[1..1]	CodeSet		2004
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2004
	Response <Rspn>	[1..1]	±		2005
	InputResponse <InptRspn>	[0..1]			2005
	OutputResult <OutptRslt>	[0..1]			2006
	DeviceType <DvcTp>	[1..1]	CodeSet		2006
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2007
	Response <Rspn>	[1..1]	±		2008
	InputResult <InptRslt>	[1..1]			2008
	DeviceType <DvcTp>	[1..1]	CodeSet		2008
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2009
	InputResultData <InptRsltData>	[1..1]			2009
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012
	PrintResponse <PrtRspn>	[0..1]			2012
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2012
	SecureInputResponse <ScrInptRspn>	[0..1]			2013
	CardholderPIN <CrhdldrPIN>	[0..1]			2013
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2014
	PINFormat <PINFrmt>	[1..1]	CodeSet		2014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInput <AddtlInpt>	[0..1]	Text		2014
	InitialisationCardReaderResponse <InitlsthCardRdrRspn>	[0..1]			2014
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		2015
	ICCRResetData <ICCRstData>	[0..1]			2015
	ATRValue <ATRVa>	[0..1]	Binary		2016
	CardStatus <CardSts>	[0..1]	Binary		2016
	AdditionalInformation <AddtlInf>	[0..1]	Binary		2016
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			2016
	Data <Data>	[0..1]	Binary		2016
	CardStatus <CardSts>	[1..1]	Binary		2016
	TransmissionResponse <TrnsmssnRspn>	[0..1]			2017
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		2017
	Response <Rspn>	[1..1]	±		2017
	SupplementaryData <SplmtryData>	[0..*]	±	C11	2017

18.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

19 Message Items Types

19.1 MessageComponents

19.1.1 Account

19.1.1.1 CashAccount40

Definition: Provides the details to identify an account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.1.1.1 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 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1907
Or}	Other <Othr>	[1..1]	±		1908

19.1.1.1.2 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 1906 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1906
Or}	Proprietary <Prtry>	[1..1]	Text		1906

19.1.1.1.3 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 2336

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.

19.1.1.1.4 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 2413

19.1.1.1.5 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 1905 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1905
{Or	Code <Cd>	[1..1]	CodeSet		1905
Or}	Proprietary <Prtry>	[1..1]	Text		1905
	Identification <Id>	[1..1]	Text		1905

19.1.1.2 ProxyAccountIdentification1

Definition: Information related to a proxy identification of the account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1905
{Or	Code <Cd>	[1..1]	CodeSet		1905
Or}	Proprietary <Prtry>	[1..1]	Text		1905
	Identification <Id>	[1..1]	Text		1905

19.1.1.2.1 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		1905
Or}	Proprietary <Prtry>	[1..1]	Text		1905

19.1.1.2.1.1 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 2365

19.1.1.2.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "[Max35Text](#)" on page 2411

19.1.1.2.2 Identification <Id>

Presence: [1..1]

Definition: Identification used to indicate the account identification under another specified name.

Datatype: "Max2048Text" on page 2410

19.1.1.3 CashAccountType2Choice

Definition: Nature or use of the account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1906
Or}	Proprietary <Prtry>	[1..1]	Text		1906

19.1.1.3.1 Code <Cd>

Presence: [1..1]

Definition: Account type, in a coded form.

Datatype: "ExternalCashAccountType1Code" on page 2364

19.1.1.3.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Nature or use of the account in a proprietary form.

Datatype: "Max35Text" on page 2411

19.1.1.4 GenericAccountIdentification1

Definition: Information related to a generic account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1906
	SchemeName <SchmeNm>	[0..1]			1906
{Or	Code <Cd>	[1..1]	CodeSet		1907
Or}	Proprietary <Prtry>	[1..1]	Text		1907
	Issuer <Issr>	[0..1]	Text		1907

19.1.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max34Text" on page 2410

19.1.1.4.2 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		1907
Or}	Proprietary <Prtry>	[1..1]	Text		1907

19.1.1.4.2.1 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 2364

19.1.1.4.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2411

19.1.1.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2411

19.1.2 Account Identification

19.1.2.1 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	C5	1907
Or}	Other <Othr>	[1..1]	±		1908

19.1.2.1.1 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: C5 "IBAN"

Datatype: "IBAN2007Identifier" on page 2405

Constraints

• IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

19.1.2.1.2 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 1906 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1906
	SchemeName <SchmeNm>	[0..1]			1906
{Or	Code <Cd>	[1..1]	CodeSet		1907
Or}	Proprietary <Prtry>	[1..1]	Text		1907
	Issuer <Issr>	[0..1]	Text		1907

19.1.3 Acquirer

19.1.3.1 Acquirer10

Definition: Acquirer involved in the card payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1908
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1909

19.1.3.1.1 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 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

19.1.3.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "[Max256Text](#)" on page 2410

19.1.3.2 KEKIdentifier7

Definition: Identification of a key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1909
	KeyVersion <KeyVrsn>	[1..1]	Text		1910
	SequenceNumber <SeqNb>	[0..1]	Quantity		1910
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1910

19.1.3.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "[Max140Text](#)" on page 2409

19.1.3.2.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2409

19.1.3.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2406

19.1.3.2.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

Definition: Identification used for derivation of a unique key from a master key provided for the data protection.

Datatype: "Max500Binary" on page 2334

19.1.4 Action

19.1.4.1 DeviceRequest8

Definition: Specifies the environment, the context and the services to be used with a device request message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1915
	Context <Cntxt>	[0..1]		C9	1921
	PaymentContext <PmtCntxt>	[0..1]			1924
	CardPresent <CardPres>	[0..1]	Indicator		1924
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1924
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1925
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1925
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		1925
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1925
	BusinessArea <BizArea>	[0..1]	CodeSet		1926
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1926
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1926
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1927
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1927
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1928
	SaleContext <SaleCntxt>	[0..1]			1928
	SaleIdentification <SaleId>	[0..1]	Text		1929
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1929
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1930
	CashierIdentification <CshrId>	[0..1]	Text		1930
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1930
	ShiftNumber <ShftNb>	[0..1]	Text		1930
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1930
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1930
	InvoiceNumber <InvNb>	[0..1]	Text		1930
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1931
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1931
	CommonName <CmonNm>	[1..1]	Text		1931
	Address <Adr>	[0..1]	Text		1931
	CountryCode <CtryCd>	[1..1]	CodeSet		1931
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1931

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1931
	SplitPayment <SpltPmt>	[0..1]	Indicator		1932
	RemainingAmount <RmngAmt>	[0..1]	Amount		1932
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1932
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1932
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1932
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1933
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1933
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1933
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1934
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1934
	SystemToNotify <SysToNtfy>	[0..1]	Text		1934
	Debtor <Dbtr>	[0..1]	±		1935
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1936
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1936
	Creditor <Cdtr>	[0..1]	±		1936
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1937
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1938
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1938
	Debtor <Dbtr>	[0..1]	±		1939
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1940
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1941
	Creditor <Cdtr>	[0..1]	±		1941
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1942
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1943
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1943
	MandateIdentification <MndtId>	[1..1]	Text		1944
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1944
	MandateImage <MndtImg>	[0..1]	Binary		1944
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1944
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1944

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayRequest <DispReq>	[0..1]			1945
	DisplayOutput <DispOutpt>	[1..*]	±		1945
	InputRequest <InptReq>	[0..1]			1946
	DisplayOutput <DispOutpt>	[0..1]	±		1947
	InputData <InptData>	[1..1]			1948
	DeviceType <DvcTp>	[1..1]	CodeSet		1949
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1949
	InputCommand <InptCmd>	[1..1]	CodeSet		1950
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1951
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1951
	InputText <InptTxt>	[0..1]	±		1951
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1952
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1952
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1952
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1953
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1953
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1953
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1953
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1953
	PrintRequest <PrtReq>	[0..1]			1954
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1954
	ResponseMode <RspnMd>	[1..1]	CodeSet		1954
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1955
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1955
	OutputContent <OutptCntt>	[1..1]	±		1955
	PlayResourceRequest <PlayRsrcReq>	[0..1]			1956
	ResponseMode <RspnMd>	[0..1]	CodeSet		1957
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1957
	SoundVolume <SoundVol>	[0..1]	Rate		1957
	DisplayResolution <DispRsltn>	[0..1]	Text		1957
	Resource <Rsrc>	[0..1]			1957

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResourceType <RsrcTp>	[1..1]	CodeSet		1958
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1958
	Language <Lang>	[0..1]	CodeSet	C12	1958
	ResourceReference <RsrcRef>	[0..1]	Text		1958
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1959
	SecureInputRequest <ScrInptReq>	[0..1]			1959
	PINRequestType <PINReqTp>	[1..1]	CodeSet		1959
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1960
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1960
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1960
	CardholderPIN <CrhdldrPIN>	[0..1]			1960
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1960
	PINFormat <PINFrmt>	[1..1]	CodeSet		1961
	AdditionalInput <AddtlInpt>	[0..1]	Text		1961
	InitialisationCardReaderRequest <InitlstnCardRdrReq>	[0..1]			1961
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1962
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1962
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1963
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1963
	DisplayOutput <DispOutpt>	[0..1]	±		1963
	CardReaderAPDURequest <CardRdrAPDUReq>	[0..1]			1964
	Class <Cls>	[1..1]	Binary		1964
	Instruction <Instr>	[1..1]	Binary		1964
	Parameter1 <Param1>	[1..1]	Binary		1964
	Parameter2 <Param2>	[1..1]	Binary		1964
	Data <Data>	[0..1]	Binary		1964
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1964
	PowerOffCardReaderRequest <PwrOffCardRdrReq>	[0..1]			1965
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1965
	DisplayOutput <DispOutpt>	[0..1]	±		1965
	TransmissionRequest <TrnsmssnReq>	[0..1]			1966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DestinationAddress <DstnAdr>	[1..1]	±		1966
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1967
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1967
	MessageToSend <MsgToSnd>	[1..1]	Binary		1967
	InputNotification <InptNtfctn>	[0..1]			1967
	ExchangeIdentification <XchgId>	[1..1]	Text		1967
	OutputContent <OutptCntt>	[1..1]	±		1968
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1968

19.1.4.1.1 Environment <Envt>

Presence: [0..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <CrdhldrId>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <DrvrId>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrdrhldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.1.2 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]			1924
	CardPresent <CardPres>	[0..1]	Indicator		1924
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1924
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1925
	AttendanceContext <AttdnncCntxt>	[0..1]	CodeSet		1925
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1925
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1925
	BusinessArea <BizArea>	[0..1]	CodeSet		1926
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1926
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1926
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1927
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1927
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1928
	SaleContext <SaleCntxt>	[0..1]			1928
	SaleIdentification <SaleId>	[0..1]	Text		1929
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1929
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1930
	CashierIdentification <CshrlId>	[0..1]	Text		1930
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1930
	ShiftNumber <ShftNb>	[0..1]	Text		1930
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1930
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1930
	InvoiceNumber <InvNb>	[0..1]	Text		1930
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1931
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1931
	CommonName <CmonNm>	[1..1]	Text		1931
	Address <Adr>	[0..1]	Text		1931
	CountryCode <CtryCd>	[1..1]	CodeSet		1931
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1931
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1931
	SplitPayment <Spltpmt>	[0..1]	Indicator		1932

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1932
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1932
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1932
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1932
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1933
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1933
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1933
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1934
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1934
	SystemToNotify <SysToNtfy>	[0..1]	Text		1934
	Debtor <Dbtr>	[0..1]	±		1935
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1936
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1936
	Creditor <Cdtr>	[0..1]	±		1936
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1937
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1938
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1938
	Debtor <Dbtr>	[0..1]	±		1939
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1940
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1941
	Creditor <Cdtr>	[0..1]	±		1941
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1942
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1943
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1943
	MandateIdentification <MndtId>	[1..1]	Text		1944
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1944
	MandateImage <MndtImg>	[0..1]	Binary		1944
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1944

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.1.2.1 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		1924
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1924
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1925
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1925
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1925
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1925
	BusinessArea <BizArea>	[0..1]	CodeSet		1926
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1926
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1926
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1927
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1927
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1928

19.1.4.1.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: ["AttendanceContext1Code"](#) on page 2346

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.

19.1.4.1.2.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: ["TransactionEnvironment1Code"](#) on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

19.1.4.1.2.1.6 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 2400

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.

19.1.4.1.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

19.1.4.1.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.4.1.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.4.1.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

19.1.4.1.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

19.1.4.1.2.2 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		1929
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1929
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1930
	CashierIdentification <CshrId>	[0..1]	Text		1930
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1930
	ShiftNumber <ShiftNb>	[0..1]	Text		1930
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1930
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1930
	InvoiceNumber <InvNb>	[0..1]	Text		1930
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1931
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1931
	CommonName <CmonNm>	[1..1]	Text		1931
	Address <Adr>	[0..1]	Text		1931
	CountryCode <CtryCd>	[1..1]	CodeSet		1931
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1931
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1931
	SplitPayment <SplitPmt>	[0..1]	Indicator		1932
	RemainingAmount <RmngAmt>	[0..1]	Amount		1932
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1932
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1932
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1932
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1933
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1933

19.1.4.1.2.2.1 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 2411

19.1.4.1.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.4.1.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

19.1.4.1.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.11 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		1931
	Address <Adr>	[0..1]	Text		1931
	CountryCode <CtryCd>	[1..1]	CodeSet		1931
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1931
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1931

19.1.4.1.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

19.1.4.1.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

19.1.4.1.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

19.1.4.1.2.2.11.4 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 2414

19.1.4.1.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.2.13 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 2332

19.1.4.1.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.4.1.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

19.1.4.1.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

19.1.4.1.2.3 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		1934
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1934
	SystemToNotify <SysToNtfy>	[0..1]	Text		1934
	Debtor <Dbtr>	[0..1]	±		1935
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1936
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1936
	Creditor <Cdtr>	[0..1]	±		1936
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1937
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1938

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.1.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

19.1.4.1.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.1.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.1.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.1.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.1.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.1.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.1.2.4 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]	±		1939
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1940
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1941
	Creditor <Cdtr>	[0..1]	±		1941
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1942
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1943
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1943
	MandateIdentification <MndtId>	[1..1]	Text		1944
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1944
	MandateImage <MndtImg>	[0..1]	Binary		1944
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1944

19.1.4.1.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.1.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.1.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.1.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.1.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.1.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.1.2.4.7 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		1944
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1944
	MandateImage <MndtImg>	[0..1]	Binary		1944
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1944

19.1.4.1.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

19.1.4.1.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

19.1.4.1.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

19.1.4.1.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.1.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService8Code" on page 2392

CodeName	Name	Definition
DDYQ	DeviceDisplayRequest	One System requests the other to display a message for cashier or customer.
DINQ	DeviceInputRequest	One system requests to the other System to get data input.
DPRQ	DevicePrintRequest	One system requests to the other System to print data.
DSOQ	DevicePlaySoundRequest	One system requests to the Other System to play a sound.
DSIQ	DeviceSecureInputRequest	One system requests to the Other System to securely get data input (e.g. for PIN).
DCIQ	DeviceInitialisationCardReaderRequest	Service to send parameters to use when card reader initializes a new communication with the card.
DCAQ	DeviceSendApplicationProtocolDataUnitCardReaderRequest	A service to send commands to a card.
DCPQ	DevicePowerOffCardReaderRequest	The Sale system requests to the POI System to power off the card reader.
DCOQ	DeviceTransmissionMessageRequest	The Sale system requests to the POI System to transmit a message (for instance to a mobile server).
DINO	DeviceInputNotification	One system sends a notification to the POI System to update a input request.

19.1.4.1.4 DisplayRequest <DispReq>

Presence: [0..1]

Definition: Content of the Display Request message.

DisplayRequest <DispReq> contains the following **DeviceDisplayRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayOutput <DispOutpt>	[1..*]	±		1945

19.1.4.1.4.1 DisplayOutput <DispOutpt>

Presence: [1..*]

Definition: Message to be displayed.

DisplayOutput <DispOutput> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.5 InputRequest <InptReq>

Presence: [0..1]

Definition: Content of the Input Request message.

InputRequest <InptReq> contains the following **DeviceInputRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayOutput <DispOutpt>	[0..1]	±		1947
	InputData <InptData>	[1..1]			1948
	DeviceType <DvcTp>	[1..1]	CodeSet		1949
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1949
	InputCommand <InptCmd>	[1..1]	CodeSet		1950
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1951
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1951
	InputText <InptTxt>	[0..1]	±		1951
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1952
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1952
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1952
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1953
	DisableCancelFlag <DsbICclFlg>	[0..1]	Indicator		1953
	DisableCorrectFlag <DsbICrrctFlg>	[0..1]	Indicator		1953
	DisableValidFlag <DsbIVldFlg>	[0..1]	Indicator		1953
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1953

19.1.4.1.5.1 DisplayOutput <DispOutpt>

Presence: [0..1]

Definition: Information to display before input.

DisplayOutput <DispOutput> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.5.2 InputData <InptData>

Presence: [1..1]

Definition: Information related to an Input request.

InputData <InptData> contains the following **InputData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		1949
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1949
	InputCommand <InptCmd>	[1..1]	CodeSet		1950
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1951
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1951
	InputText <InptTxt>	[0..1]	±		1951
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1952
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1952
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1952
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1953
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1953
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1953
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1953
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1953

19.1.4.1.5.2.1 DeviceType <DvcTp>

Presence: [1..1]

Definition: Type of logical device located on a Sale Terminal or a POI Terminal.

Datatype: "SaleCapabilities2Code" on page 2395

CodeName	Name	Definition
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.
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).

19.1.4.1.5.2.2 InformationQualifier <InfQlfr>

Presence: [1..1]

Definition: Qualification of the information to output to the logical device.

Datatype: "InformationQualify1Code" on page 2366

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.

19.1.4.1.5.2.3 InputCommand <InptCmd>

Presence: [1..1]

Definition: Type of requested input.

Datatype: "InputCommand1Code" on page 2367

CodeName	Name	Definition
DCSG	DecimalString	Wait for a string of digit characters with a decimal point, the length range could be specified.
DGSG	DigitString	Wait for a string of digit characters.
GAKY	GetAnyKey	Wait for a key pressed on the Terminal, to be able to read the message displayed on the Terminal.
GCNF	GetConfirmation	Wait for a confirmation Yes (Y) or No (N) on the Sale System. Wait for a confirmation (Valid or Cancel button) on

CodeName	Name	Definition
		the POI Terminal. The result of the command is a Boolean: True or False.
GFKY	GetFunctionKey	Wait for a function key pressed on the Terminal: From POI, Valid, Clear, Correct, Generic Function key number. From Sale, Generic Function key.
GMNE	GetMenuEntry	To choose an entry among a list of entries (all of them are not necessary selectable). The OutputFormat has to be MenuEntry.
PSWD	Password	Request to enter a password with masked characters while typing the password.
SITE	SiteManager	Wait for a confirmation Yes (Y) or No (N) of the Site Manager on the Sale System.
TXSG	TextString	Wait for a string of alphanumeric characters.
HTML	XHTMLText	Wait for a XHTML data.
SIGN	Signature	Request to wait for signature.

19.1.4.1.5.2.4 NotifyCardInputFlag <NtfyCardInptFlg>

Presence: [1..1]

Definition: Flag of notification of card to be entered in the POI card reader.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.5 MaximumInputTime <MaxInptTm>

Presence: [0..1]

Definition: Maximum input time in seconds.

Datatype: ["Number" on page 2406](#)

19.1.4.1.5.2.6 InputText <InptTxt>

Presence: [0..1]

Definition: Text value set for an input command.

InputText <InptTxt> contains the following elements (see "[ActionMessage11](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.5.2.7 ImmediateResponseFlag <ImdtRspnFlg>

Presence: [0..1]

Definition: Flag to request Immediate response without waiting for the completion of the command.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.8 WaitUserValidationFlag <WaitUsrVldtnFlg>

Presence: [0..1]

Definition: Flag to confirm by the user the entered characters, when the maximum allowed length is reached.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.9 BeepKeyFlag <BeepKeyFlg>

Presence: [0..1]

Definition: Flag to indicate that when the user press a key, a beep has to be generated.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.10 GlobalCorrectionFlag <GblCrrctnFlg>

Presence: [0..1]

Definition: Flag to correct all characters (True) or just the last one (False).

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.11 DisableCancelFlag <DsblCclFlg>

Presence: [0..1]

Definition: Flag to deactivate the "Cancel" function key.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.12 DisableCorrectFlag <DsblCrrctFlg>

Presence: [0..1]

Definition: Flag to deactivate the "Correct" function key.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.13 DisableValidFlag <DsblVldFlg>

Presence: [0..1]

Definition: Flag to disable the "Valid" function key.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.5.2.14 MenuBackFlag <MenuBckFlg>

Presence: [0..1]

Definition: Flag to enable the "Back" function key to go the upper level.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.6 PrintRequest <PrtReq>

Presence: [0..1]

Definition: Content of the Print Request message.

PrintRequest <PrtReq> contains the following **DevicePrintRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1954
	ResponseMode <RspnMd>	[1..1]	CodeSet		1954
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1955
	RequiredSignatureFlag <ReqrdSgntFlg>	[0..1]	Indicator		1955
	OutputContent <OutptCntt>	[1..1]	±		1955

19.1.4.1.6.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualifies the type of document.

Datatype: "DocumentType7Code" on page 2361

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.

19.1.4.1.6.2 ResponseMode <RspnMd>

Presence: [1..1]

Definition: Type of awaited response (none, immediate, after printing, after sound).

Datatype: "ResponseMode2Code" on page 2385

CodeName	Name	Definition
SEND	EndOfPlay	The Response is required at the end of play.

CodeName	Name	Definition
IMMD	Immediate	The Message Response is immediate, after taking into account the request.
NREQ	NotRequired	The Message Response is not required, except in case of error.
PEND	PrintEnd	The Print Response is required at the end of print.

19.1.4.1.6.3 IntegratedPrintFlag <IntgrtdPrtFlg>

Presence: [0..1]

Definition: Flag that the print is integrated to other prints.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.6.4 RequiredSignatureFlag <ReqrdSgntrFlg>

Presence: [0..1]

Definition: Flag to require a physical signature by the Customer.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.6.5 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Content of the message to print.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.7 PlayResourceRequest <PlayRsrcReq>

Presence: [0..1]

Definition: Content of the Resource Request message.

PlayResourceRequest <PlayRsrcReq> contains the following **DevicePlayResourceRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseMode <RspnMd>	[0..1]	CodeSet		1957
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1957
	SoundVolume <SoundVol>	[0..1]	Rate		1957
	DisplayResolution <DispRsln>	[0..1]	Text		1957
	Resource <Rsrc>	[0..1]			1957
	ResourceType <RsrcTp>	[1..1]	CodeSet		1958
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1958
	Language <Lang>	[0..1]	CodeSet	C12	1958
	ResourceReference <RsrcRef>	[0..1]	Text		1958
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1959

19.1.4.1.7.1 ResponseMode <RspnMd>

Presence: [0..1]

Definition: Message response awaited by the initiator of the Request.

Datatype: "ResponseMode2Code" on page 2385

CodeName	Name	Definition
SEND	EndOfPlay	The Response is required at the end of play.
IMMD	Immediate	The Message Response is immediate, after taking into account the request.
NREQ	NotRequired	The Message Response is not required, except in case of error.
PEND	PrintEnd	The Print Response is required at the end of print.

19.1.4.1.7.2 ResourceAction <RsrcActn>

Presence: [1..1]

Definition: Requested Action: Start to play a media resource, Stop to play a media resource, Set the default volume.

Datatype: "ResourceAction1Code" on page 2383

CodeName	Name	Definition
PAUS	Pause	Pause the media resource in progress as specified in the message.
STAS	Play	Start the media resource as specified in the message.
LOOP	PlayInLoop	Play in a loop the media resource as specified in the message.
RESU	Resume	Resume the progress of the media resource as specified in the message.
DVOL	SetDefaultVolume	Set the default volume of sounds.
STOS	Stop	Stop the media resource in progress.

19.1.4.1.7.3 SoundVolume <SoundVol>

Presence: [0..1]

Definition: Volume of a sound, either in a percentage of the maximum volume, or 0 to mute.

Datatype: "PercentageRate" on page 2407

19.1.4.1.7.4 DisplayResolution <DispRsln>

Presence: [0..1]

Definition: Resolution to use.

Datatype: "Max35Text" on page 2411

19.1.4.1.7.5 Resource <Rsrc>

Presence: [0..1]

Definition: Identification of the resource to use.

Resource <Rsrc> contains the following **ResourceContent1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResourceType <RsrcTp>	[1..1]	CodeSet		1958
	ResourceFormat <RsrcFmt>	[0..1]	CodeSet		1958
	Language <Lang>	[0..1]	CodeSet	C12	1958
	ResourceReference <RsrcRef>	[0..1]	Text		1958

19.1.4.1.7.5.1 ResourceType <RsrcTp>

Presence: [1..1]

Definition: Type of media resource.

Datatype: "ResourceType1Code" on page 2384

CodeName	Name	Definition
TEXT	TextToSpeech	Voice synthesis.
URLI	UniformResourceIdentifier	String of characters that unambiguously identifies a particular resource.

19.1.4.1.7.5.2 ResourceFormat <RsrcFmt>

Presence: [0..1]

Definition: Format of the media resource;

Datatype: "SoundFormat1Code" on page 2395

CodeName	Name	Definition
MSGR	MessageRef	Reference of a preloaded text to play.
SNDR	SoundRef	Preloaded sound File.
TEXT	Text	Text to play.

19.1.4.1.7.5.3 Language <Lang>

Presence: [0..1]

Definition: Language of the media resource.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.4.1.7.5.4 ResourceReference <RsrcRef>

Presence: [0..1]

Definition: Reference of a media resource.

Datatype: "Max1025Text" on page 2408

19.1.4.1.7.6 TimingSlot <TmgSlot>

Presence: [0..1]

Definition: Identification of the moment to manage the media resource.

Datatype: "ProcessingPosition2Code" on page 2382

CodeName	Name	Definition
AFTE	After	Specifies that the transaction/instruction is to be executed after the linked transaction/instruction.
WITH	With	Specifies that the transaction/instruction is to be executed with the linked transaction/instruction.
BEFO	Before	Specifies that the transaction/instruction is to be executed before the linked transaction/instruction.
INFO	Information	Specifies that the transactions/ instructions are linked for information purposes only.

19.1.4.1.8 SecureInputRequest <ScrInptReq>

Presence: [0..1]

Definition: Request a secure input for a PIN.

SecureInputRequest <ScrInptReq> contains the following **DeviceSecureInputRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PINRequestType <PINReqTp>	[1..1]	CodeSet		1959
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1960
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1960
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1960
	CardholderPIN <CrdhldrPIN>	[0..1]			1960
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1960
	PINFormat <PINFrmt>	[1..1]	CodeSet		1961
	AdditionalInput <AddtlInpt>	[0..1]	Text		1961

19.1.4.1.8.1 PINRequestType <PINReqTp>

Presence: [1..1]

Definition: Type of PIN Service.

Datatype: "PINRequestType1Code" on page 2378

CodeName	Name	Definition
PIAE	PINAcquisitionEncryption	The cardholder enters the PIN, the POI enciphers the PIN Block and provides it as a result to the Sale System.
PIAV	PINAcquisitionVerification	The Cardholder enters the PIN and the POI verifies it.
PIVO	PINVerifyOnly	The Sale System send a previous keyed PIN and the POI verifies it.

19.1.4.1.8.2 PINVerificationMethod <PINVrfctnMtd>

Presence: [0..1]

Definition: Identify the PIN verification method and keys.

Datatype: "Max35Text" on page 2411

19.1.4.1.8.3 MaximumWaitingTime <MaxWtgTm>

Presence: [0..1]

Definition: Maximum time to wait for the request processing in seconds.

Datatype: "Number" on page 2406

19.1.4.1.8.4 BeepKeyFlag <BeepKeyFlg>

Presence: [0..1]

Definition: Indicates, when the user press a key, if a beep has to be generated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.8.5 CardholderPIN <CrdhldrPIN>

Presence: [0..1]

Definition: Enciphered PIN and related information.

CardholderPIN <CrdhldrPIN> contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1960
	PINFormat <PINFrmt>	[1..1]	CodeSet		1961
	AdditionalInput <AddtlInpt>	[0..1]	Text		1961

19.1.4.1.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.4.1.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

Definition: PIN (Personal Identification Number) format before encryption.

Datatype: "PINFormat3Code" on page 2378

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.

19.1.4.1.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

Definition: Additional information required to verify the PIN (Personal Identification Number).

Datatype: "Max35Text" on page 2411

19.1.4.1.9 InitialisationCardReaderRequest <InitlstnCardRdrReq>

Presence: [0..1]

Definition: A service to send parameters to Card Reader to initialize a new communication with a card.

InitialisationCardReaderRequest <InitlStnCardRdrReq> contains the following
DeviceInitialisationCardReaderRequest6 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1962
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1962
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1963
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1963
	DisplayOutput <DispOutpt>	[0..1]	±		1963

19.1.4.1.9.1 WarmResetFlag <WarmRstFlg>

Presence: [0..1]

Definition: Flag to request a warm reset on a chip.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.9.2 ForceEntryMode <ForceNtryMd>

Presence: [0..*]

Definition: Payment instrument entry mode requested by the Sale System.

Datatype: ["CardDataReading8Code"](#) on page 2352

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.

CodeName	Name	Definition
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

19.1.4.1.9.3 LeaveCardFlag <LeavCardFlg>

Presence: [0..1]

Definition: Flag to indicate the POI System to keep the card in the reader for a smart card.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2406](#)):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.1.9.4 MaximumWaitingTime <MaxWtgTm>

Presence: [0..1]

Definition: Maximum time in seconds that the POI has to wait for a card response.

Datatype: ["Number" on page 2406](#)

19.1.4.1.9.5 DisplayOutput <DispOutpt>

Presence: [0..1]

Definition: Information to display.

DisplayOutput <DispOutpt> contains the following elements (see ["ActionMessage11" on page 2106](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.10 CardReaderAPDURequest <CardRdrAPDUReq>

Presence: [0..1]

Definition: Content of the APDU (Application Protocol Data Unit) to send to the Card.

CardReaderAPDURequest <CardRdrAPDUReq> contains the following
DeviceSendApplicationProtocolDataUnitCardReaderRequest1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <C/SS>	[1..1]	Binary		1964
	Instruction <Inst>	[1..1]	Binary		1964
	Parameter1 <Param1>	[1..1]	Binary		1964
	Parameter2 <Param2>	[1..1]	Binary		1964
	Data <Data>	[0..1]	Binary		1964
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1964

19.1.4.1.10.1 Class <C/SS>

Presence: [1..1]

Definition: Class field of the Application Protocol Data Unit command (CLA).

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.10.2 Instruction <Inst>

Presence: [1..1]

Definition: Instruction field of the Application Protocol Data Unit command (INS).

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.10.3 Parameter1 <Param1>

Presence: [1..1]

Definition: Parameter 1 field of the Application Protocol Data Unit command

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.10.4 Parameter2 <Param2>

Presence: [1..1]

Definition: Parameter 2 field of the Application Protocol Data Unit command

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.10.5 Data <Data>

Presence: [0..1]

Definition: Data field of the Application Protocol Data Unit command to send including the length.

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.10.6 ExpectedLength <XpctdLngh>

Presence: [0..1]

Definition: Expected length of the data field of the Application Protocol Data Unit response to the command.

Datatype: "Min1Max256Binary" on page 2334

19.1.4.1.11 PowerOffCardReaderRequest <PwrOffCardRdrReq>

Presence: [0..1]

Definition: Content of the Power Off Card Reader Request message.

PowerOffCardReaderRequest <PwrOffCardRdrReq> contains the following **DevicePoweroffCardReaderRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1965
	DisplayOutput <DispOutpt>	[0..1]	±		1965

19.1.4.1.11.1 PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>

Presence: [0..1]

Definition: Maximum time to wait for the request processing in seconds.

Datatype: "Number" on page 2406

19.1.4.1.11.2 DisplayOutput <DispOutpt>

Presence: [0..1]

Definition: Optional message before Power-Off.

DisplayOutput <DispOutput> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.12 TransmissionRequest <TrnsmssnReq>

Presence: [0..1]

Definition: Content of the Request message to transmit.

TransmissionRequest <TrnsmssnReq> contains the following **DeviceTransmitMessageRequest2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DestinationAddress <DstnAdr>	[1..1]	±		1966
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1967
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1967
	MessageToSend <MsgToSnd>	[1..1]	Binary		1967

19.1.4.1.12.1 DestinationAddress <DstnAdr>

Presence: [1..1]

Definition: Transport address.

DestinationAddress <DstnAdr> contains the following elements (see "NetworkParameters7" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2239
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239
	UserName <UsrNm>	[0..1]	Text		2240
	AccessCode <AccsCd>	[0..1]	Binary		2240
	ServerCertificate <SvrCert>	[0..*]	Binary		2240
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2240
	ClientCertificate <CIntCert>	[0..*]	Binary		2240
	SecurityProfile <SctyPrfl>	[0..1]	Text		2240

19.1.4.1.12.2 MaximumTransmissionTime <MaxTrnsmssnTm>

Presence: [1..1]

Definition: Maximum time in seconds of transmission.

Datatype: "Number" on page 2406

19.1.4.1.12.3 MaximumWaitingTime <MaxWtgTm>

Presence: [0..1]

Definition: Defines the timeout to receive an answer.

Datatype: "Number" on page 2406

19.1.4.1.12.4 MessageToSend <MsgToSnd>

Presence: [1..1]

Definition: Content of the message to be transmitted.

Datatype: "Max100KBinary" on page 2333

19.1.4.1.13 InputNotification <InptNtfctn>

Presence: [0..1]

Definition: Content of the Input notification message.

InputNotification <InptNtfctn> contains the following **DeviceInputNotification6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1967
	OutputContent <OutptCntt>	[1..1]	±		1968

19.1.4.1.13.1 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Message main identifier.

Datatype: "Max35Text" on page 2411

19.1.4.1.13.2 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Updated content of the message to display before input.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.4.1.14 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

19.1.4.2 DeviceResponse8

Definition: Provides the response of a previous device request.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1973
	Context <Cntxt>	[0..1]		C9	1979
	PaymentContext <PmtCntxt>	[0..1]			1982
	CardPresent <CardPres>	[0..1]	Indicator		1982
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1982
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1983
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1983
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1983
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1983
	BusinessArea <BizArea>	[0..1]	CodeSet		1984
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1984
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1984
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1985
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1985
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1986
	SaleContext <SaleCntxt>	[0..1]			1986
	SaleIdentification <SaleId>	[0..1]	Text		1987
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1987
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1988
	CashierIdentification <CshrId>	[0..1]	Text		1988
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1988
	ShiftNumber <ShftNb>	[0..1]	Text		1988
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1988
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1988
	InvoiceNumber <InvNb>	[0..1]	Text		1988
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1989
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1989
	CommonName <CmonNm>	[1..1]	Text		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1989
	SplitPayment <SpltPmt>	[0..1]	Indicator		1990
	RemainingAmount <RmngAmt>	[0..1]	Amount		1990
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1990
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1990
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1990
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1991
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1991
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1991
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1992
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1992
	SystemToNotify <SysToNtfy>	[0..1]	Text		1992
	Debtor <Dbtr>	[0..1]	±		1993
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1994
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1994
	Creditor <Cdtr>	[0..1]	±		1994
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1995
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1996
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1996
	Debtor <Dbtr>	[0..1]	±		1997
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1998
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1999
	Creditor <Cdtr>	[0..1]	±		1999
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	2000
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2001
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2001
	MandateIdentification <MndtId>	[1..1]	Text		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2002
	ServiceContent <SvcCntt>	[1..1]	CodeSet		2002

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayResponse <DispRspn>	[0..1]			2003
	OutputResult <OutptRslt>	[1..*]			2003
	DeviceType <DvcTp>	[1..1]	CodeSet		2004
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2004
	Response <Rspn>	[1..1]	±		2005
	InputResponse <InptRspn>	[0..1]			2005
	OutputResult <OutptRslt>	[0..1]			2006
	DeviceType <DvcTp>	[1..1]	CodeSet		2006
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2007
	Response <Rspn>	[1..1]	±		2008
	InputResult <InptRslt>	[1..1]			2008
	DeviceType <DvcTp>	[1..1]	CodeSet		2008
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2009
	InputResultData <InptRsltData>	[1..1]			2009
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012
	PrintResponse <PrtRspn>	[0..1]			2012
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2012
	SecureInputResponse <ScrInptRspn>	[0..1]			2013
	CardholderPIN <CrhdldrPIN>	[0..1]			2013
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2014
	PINFormat <PINFrmt>	[1..1]	CodeSet		2014
	AdditionalInput <AddtlInpt>	[0..1]	Text		2014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationCardReaderResponse <InitlStnCardRdrRspn>	[0..1]			2014
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		2015
	ICCRResetData <ICCRstData>	[0..1]			2015
	ATRValue <ATRVAl>	[0..1]	Binary		2016
	CardStatus <CardSts>	[0..1]	Binary		2016
	AdditionalInformation <AddtlInf>	[0..1]	Binary		2016
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			2016
	Data <Data>	[0..1]	Binary		2016
	CardStatus <CardSts>	[1..1]	Binary		2016
	TransmissionResponse <TrnsmssnRspn>	[0..1]			2017
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		2017
	Response <Rspn>	[1..1]	±		2017
	SupplementaryData <SplmtryData>	[0..*]	±	C11	2017

19.1.4.2.1 Environment <Envt>

Presence: [0..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2035 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <Grpld>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrhdlrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <BklId>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crhdldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crdhldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.2.2 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]			1982
	CardPresent <CardPres>	[0..1]	Indicator		1982
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1982
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1983
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		1983
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1983
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1983
	BusinessArea <BizArea>	[0..1]	CodeSet		1984
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1984
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1984
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1985
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1985
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1986
	SaleContext <SaleCntxt>	[0..1]			1986
	SaleIdentification <SaleId>	[0..1]	Text		1987
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1987
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1988
	CashierIdentification <CshrlId>	[0..1]	Text		1988
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1988
	ShiftNumber <ShftNb>	[0..1]	Text		1988
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1988
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1988
	InvoiceNumber <InvNb>	[0..1]	Text		1988
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1989
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1989
	CommonName <CmonNm>	[1..1]	Text		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1989
	SplitPayment <Spltpmt>	[0..1]	Indicator		1990

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1990
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1990
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1990
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1990
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1991
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1991
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1991
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1992
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1992
	SystemToNotify <SysToNtfy>	[0..1]	Text		1992
	Debtor <Dbtr>	[0..1]	±		1993
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1994
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1994
	Creditor <Cdtr>	[0..1]	±		1994
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1995
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1996
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1996
	Debtor <Dbtr>	[0..1]	±		1997
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1998
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1999
	Creditor <Cdtr>	[0..1]	±		1999
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	2000
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2001
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2001
	MandateIdentification <MndtId>	[1..1]	Text		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2002

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.2.2.1 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		1982
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1982
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1983
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1983
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1983
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1983
	BusinessArea <BizArea>	[0..1]	CodeSet		1984
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1984
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1984
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1985
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1985
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1986

19.1.4.2.2.1.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.1.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.1.3 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: ["AttendanceContext1Code"](#) on page 2346

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.

19.1.4.2.2.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: ["TransactionEnvironment1Code"](#) on page 2401

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

19.1.4.2.2.1.6 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 2400

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.

19.1.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2350

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.

19.1.4.2.2.1.8 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2353

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.

19.1.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2397

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.

19.1.4.2.2.2 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		1987
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1987
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1988
	CashierIdentification <CshrId>	[0..1]	Text		1988
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1988
	ShiftNumber <ShiftNb>	[0..1]	Text		1988
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1988
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1988
	InvoiceNumber <InvNb>	[0..1]	Text		1988
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1989
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1989
	CommonName <CmonNm>	[1..1]	Text		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1989
	SplitPayment <SplitPmt>	[0..1]	Indicator		1990
	RemainingAmount <RmngAmt>	[0..1]	Amount		1990
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1990
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1990
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1990
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1991
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1991

19.1.4.2.2.2.1 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 2411

19.1.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2410

19.1.4.2.2.2.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.11 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		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1989

19.1.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2413

19.1.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2409

19.1.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2369

19.1.4.2.2.2.11.4 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 2414

19.1.4.2.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.2.12 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.2.13 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 2332

19.1.4.2.2.2.14 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.2.15 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2395

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.

19.1.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2413

19.1.4.2.2.3 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		1992
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1992
	SystemToNotify <SysToNtfy>	[0..1]	Text		1992
	Debtor <Dbtr>	[0..1]	±		1993
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1994
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1994
	Creditor <Cdtr>	[0..1]	±		1994
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1995
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1996

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.4.2.2.3.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.3.2 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2408

19.1.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.2.2.3.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.2.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

19.1.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.2.2.3.8 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstddData>	[0..1]	±		2309

19.1.4.2.2.4 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]	±		1997
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1998
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1999
	Creditor <Cdtr>	[0..1]	±		1999
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	2000
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		2001
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2001
	MandateIdentification <MndtId>	[1..1]	Text		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2002

19.1.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "[PartyIdentification272](#)" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.2.2.4.2 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2240 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.4.2.2.4.5 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 1903 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1903
	Type <Tp>	[0..1]	±		1903
	Currency <Ccy>	[0..1]	CodeSet	C2	1904
	Name <Nm>	[0..1]	Text		1904
	Proxy <Prxy>	[0..1]	±		1904

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

19.1.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.2.2.4.7 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		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		2002

19.1.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2411

19.1.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2404

19.1.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2333

19.1.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service answered.

Datatype: "RetailerService9Code" on page 2393

CodeName	Name	Definition
DDYP	DeviceDisplayResponse	One system responds to the other system for a display request.
DINP	DeviceInputResponse	One system responds to the other System for a input request.
DPRP	DevicePrintResponse	One system responds to the other System for a print request.
DSOP	DevicePlaySoundResponse	One system responds to the other System for a play sound request.
DSIP	DeviceSecureInputResponse	One system responds to the other System for secure data input.
DCIP	DeviceInitialisationCardReaderResponse	The POI system responds to the Sale System for a card reader initialisation.
DCAP	DeviceSendApplicationProtocolDataUnitCardReaderResponse	The POI system responds to the Sale System for a card reader Application Protocol Data Unit sending.
DCPP	DevicePowerOffCardRequestResponse	The POI system responds to the Sale System for a card reader power off.
DCOP	DeviceTransmissionMessageResponse	The POI system responds to the Sale System after a message transmission.

19.1.4.2.4 DisplayResponse <DispRspn>

Presence: [0..1]

Definition: Content of the Display Response message.

DisplayResponse <DispRspn> contains the following **DeviceDisplayResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OutputResult <OutptRslt>	[1..*]			2003
	DeviceType <DvcTp>	[1..1]	CodeSet		2004
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2004
	Response <Rspn>	[1..1]	±		2005

19.1.4.2.4.1 OutputResult <OutptRslt>

Presence: [1..*]

Definition: Give result for display request.

OutputResult <OutptRslt> contains the following **OutputResult2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		2004
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2004
	Response <Rspn>	[1..1]	±		2005

19.1.4.2.4.1.1 DeviceType <DvcTp>

Presence: [1..1]

Definition: Logical device located on a Sale Terminal or a POI Terminal, in term of class of information to output.

Datatype: "UserInterface4Code" on page 2403

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.

19.1.4.2.4.1.2 InformationQualifier <InfQlfr>

Presence: [1..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 2366

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

CodeName	Name	Definition
		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.

19.1.4.2.4.1.3 Response <Rspn>

Presence: [1..1]

Definition: Gives response for each peripheral.

Response <Rspn> contains the following elements (see "[ResponseType11](#)" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

19.1.4.2.5 InputResponse <InptRspn>

Presence: [0..1]

Definition: Content of the Input Response message.

InputResponse <InptRspn> contains the following **DeviceInputResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OutputResult <OutptRslt>	[0..1]			2006
	DeviceType <DvcTp>	[1..1]	CodeSet		2006
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2007
	Response <Rspn>	[1..1]	±		2008
	InputResult <InptRslt>	[1..1]			2008
	DeviceType <DvcTp>	[1..1]	CodeSet		2008
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2009
	InputResultData <InptRsltData>	[1..1]			2009
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012

19.1.4.2.5.1 OutputResult <OutptRslt>

Presence: [0..1]

Definition: Result of display request.

OutputResult <OutptRslt> contains the following **OutputResult2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		2006
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2007
	Response <Rspn>	[1..1]	±		2008

19.1.4.2.5.1.1 DeviceType <DvcTp>

Presence: [1..1]

Definition: Logical device located on a Sale Terminal or a POI Terminal, in term of class of information to output.

Datatype: "UserInterface4Code" on page 2403

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.

19.1.4.2.5.1.2 InformationQualifier <InfQlfr>

Presence: [1..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 2366

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.

19.1.4.2.5.1.3 Response <Rspn>

Presence: [1..1]

Definition: Gives response for each peripheral.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

19.1.4.2.5.2 InputResult <InptRslt>

Presence: [1..1]

Definition: Result of input request.

InputResult <InptRslt> contains the following **InputResult6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		2008
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2009
	InputResultData <InptRsltData>	[1..1]			2009
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012

19.1.4.2.5.2.1 DeviceType <DvcTp>

Presence: [1..1]

Definition: Type of Input device.

Datatype: "SaleCapabilities2Code" on page 2395

CodeName	Name	Definition
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

CodeName	Name	Definition
		System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
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).

19.1.4.2.5.2.2 InformationQualifier <InfQlfr>

Presence: [1..1]

Definition: Qualifies the type of given information.

Datatype: "InformationQualify1Code" on page 2366

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.

19.1.4.2.5.2.3 InputResultData <InptRsItData>

Presence: [1..1]

Definition: Data resulting of input after POI or Sale processing.

InputResultData <InptRsltData> contains the following **InputResultData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddttlInf>	[0..1]	Text		2012

19.1.4.2.5.2.3.1 InputCommand <InptCmd>

Presence: [1..1]

Definition: Type of processed input.

Datatype: "InputCommand1Code" on page 2367

CodeName	Name	Definition
DCSG	DecimalString	Wait for a string of digit characters with a decimal point, the length range could be specified.
DGSG	DigitString	Wait for a string of digit characters.
GAKY	GetAnyKey	Wait for a key pressed on the Terminal, to be able to read the message displayed on the Terminal.
GCNF	GetConfirmation	Wait for a confirmation Yes (Y) or No (N) on the Sale System. Wait for a confirmation (Valid or Cancel button) on the POI Terminal. The result of the command is a Boolean: True or False.
GFKY	GetFunctionKey	Wait for a function key pressed on the Terminal: From POI, Valid, Clear, Correct, Generic Function key number. From Sale, Generic Function key.
GMNE	GetMenuEntry	To choose an entry among a list of entries (all of them are not necessary selectable). The OutputFormat has to be MenuEntry.
PSWD	Password	Request to enter a password with masked characters while typing the password.

CodeName	Name	Definition
SITE	SiteManager	Wait for a confirmation Yes (Y) or No (N) of the Site Manager on the Sale System.
TXSG	TextString	Wait for a string of alphanumeric characters.
HTML	XHTMLText	Wait for a XHTML data.
SIGN	Signature	Request to wait for signature.

19.1.4.2.5.2.3.2 ConfirmedFlag <ConfdFlg>

Presence: [0..1]

Definition: Flag of notification of card to be entered in the POI card reader.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.4.2.5.2.3.3 FunctionKey <FctnKey>

Presence: [0..1]

Definition: Specifies the number of the function key which is typed by the Customer on the POI system or the Cashier on the Sale System.

Datatype: ["Number"](#) on page 2406

19.1.4.2.5.2.3.4 InputMessage <InptMsg>

Presence: [0..1]

Definition: Specifies the input text and data given by the POI or the Sale System.

Datatype: ["Max20000Text"](#) on page 2409

19.1.4.2.5.2.3.5 Password <Pwd>

Presence: [0..1]

Definition: An enciphered password typed by the Customer on the POI system or the Cashier on the Sale system.

Password <Pwd> contains the following elements (see ["ContentInformationType39"](#) on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.4.2.5.2.3.6 ImageCapturedSignature <ImgCaptrdSgnt>

Presence: [0..1]

Definition: Numeric value of a handwritten signature.

ImageCapturedSignature <ImgCaptrdSgnt> contains the following **CapturedSignature1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012

19.1.4.2.5.2.3.6.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "Max35Text" on page 2411

19.1.4.2.5.2.3.6.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "Max2MBBinary" on page 2333

19.1.4.2.5.2.3.6.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: "Max500Text" on page 2412

19.1.4.2.5.2.3.6.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: "Max140Text" on page 2409

19.1.4.2.6 PrintResponse <PrtRspn>

Presence: [0..1]

Definition: Content of the Print Response message.

PrintResponse <PrtRspn> contains the following **DevicePrintResponse1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2012

19.1.4.2.6.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document printed to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2361

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.

19.1.4.2.7 SecureInputResponse <ScrInptRspn>

Presence: [0..1]

Definition: Response to a secure input request.

SecureInputResponse <ScrInptRspn> contains the following **DeviceSecureInputResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderPIN <CrdhldrPIN>	[0..1]			2013
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2014
	PINFormat <PINFrmt>	[1..1]	CodeSet		2014
	AdditionalInput <AddtlInpt>	[0..1]	Text		2014

19.1.4.2.7.1 CardholderPIN <CrdhldrPIN>

Presence: [0..1]

Definition: Cardholder PIN data when needed.

CardholderPIN <CrdhldrPIN> contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2014
	PINFormat <PINFrmt>	[1..1]	CodeSet		2014
	AdditionalInput <AddtlInpt>	[0..1]	Text		2014

19.1.4.2.7.1.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.4.2.7.1.2 PINFormat <PINFrmt>

Presence: [1..1]

Definition: PIN (Personal Identification Number) format before encryption.

Datatype: "PINFormat3Code" on page 2378

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.

19.1.4.2.7.1.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

Definition: Additional information required to verify the PIN (Personal Identification Number).

Datatype: "Max35Text" on page 2411

19.1.4.2.8 InitialisationCardReaderResponse <InitlStnCardRdrRspn>

Presence: [0..1]

Definition: Content received after a card initialisation.

InitialisationCardReaderResponse <InitlStnCardRdrRspn> contains the following
DeviceInitialisationCardReaderResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		2015
	ICCRResetData <ICCRstData>	[0..1]			2015
	ATRValue <ATRVal>	[0..1]	Binary		2016
	CardStatus <CardSts>	[0..1]	Binary		2016
	AdditionalInformation <AddtlInf>	[0..1]	Binary		2016

19.1.4.2.8.1 CardEntryMode <CardNtryMd>

Presence: [0..1]

Definition: Payment instrument entry mode requested by the Sale System.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.4.2.8.2 ICCResetData <ICCRstData>

Presence: [0..1]

Definition: Data of a Chip Card related to the reset of the chip.

ICCRstData <ICCRstData> contains the following **ICCRstData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ATRValue <ATRVa>	[0..1]	Binary		2016
	CardStatus <CardSts>	[0..1]	Binary		2016

19.1.4.2.8.2.1 ATRValue <ATRVa>

Presence: [0..1]

Definition: Value of the Answer To Reset of a chip card.

Datatype: "Max140Binary" on page 2333

19.1.4.2.8.2.2 CardStatus <CardSts>

Presence: [0..1]

Definition: Status of a smartcard response to a command (SW1-SW2).

Datatype: "Max35Binary" on page 2334

19.1.4.2.8.3 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the Device Initialisation Card Reader Response.

Datatype: "Max10000Binary" on page 2332

19.1.4.2.9 CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>

Presence: [0..1]

Definition: Content of the Card Reader APDU (Application Protocol Data Unit) response message.

CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn> contains the following **DeviceSendApplicationProtocolDataUnitCardReaderResponse1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Data <Data>	[0..1]	Binary		2016
	CardStatus <CardSts>	[1..1]	Binary		2016

19.1.4.2.9.1 Data <Data>

Presence: [0..1]

Definition: Class field of the Application Protocol Data Unit command (CLA).

Datatype: "Min1Max256Binary" on page 2334

19.1.4.2.9.2 CardStatus <CardSts>

Presence: [1..1]

Definition: Status of a smartcard response to a command (SW1-SW2). Reference: ISO 7816-4.

Datatype: "Min1Max256Binary" on page 2334

19.1.4.2.10 TransmissionResponse <TrnsmssnRspn>

Presence: [0..1]

Definition: Content of the Transmit Response message.

TransmissionResponse <TrnsmssnRspn> contains the following
DeviceTransmitMessageResponse1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		2017

19.1.4.2.10.1 ReceivedMessage <RcvdMsg>

Presence: [0..1]

Definition: Content of a transmitted message.

Datatype: "Max100KBinary" on page 2333

19.1.4.2.11 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2110 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

19.1.4.2.12 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 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

19.1.5 Address

19.1.5.1 CommunicationAddress9

Definition: Communication information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		2018
	Email <Email>	[0..1]	Text		2018
	URLAddress <URLAdr>	[0..1]	Text		2019
	Phone <Phne>	[0..1]	Text		2019
	CustomerService <CstmrSvc>	[0..1]	Text		2019
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		2019

19.1.5.1.1 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address of the entity.

PostalAddress <PstlAdr> contains the following elements (see "[PostalAddress22](#)" on page 2258 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2259
	Department <Dept>	[0..1]	Text		2259
	SubDepartment <SubDept>	[0..1]	Text		2259
	AddressLine <AdrLine>	[0..2]	Text		2259
	StreetName <StrtNm>	[0..1]	Text		2260
	BuildingNumber <BldgNb>	[0..1]	Text		2260
	PostCode <PstCd>	[0..1]	Text		2260
	TownName <TwnNm>	[0..1]	Text		2260
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2260
	CountryCode <CtryCd>	[0..1]	Text		2260

19.1.5.1.2 Email <Email>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2410

19.1.5.1.3 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 2410

19.1.5.1.4 Phone <Phne>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2415

19.1.5.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "PhoneNumber" on page 2415

19.1.5.1.6 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 2410

19.1.6 Amount

19.1.6.1 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		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

19.1.6.1.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.6.1.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.6.1.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.6.1.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 2022 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2022
	Label <Lbl>	[0..1]	Text		2022

19.1.6.1.5 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 2022 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2022
	Label <Lbl>	[0..1]	Text		2022

19.1.6.1.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "[DetailedAmount4](#)" on [page 2022](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2022
	Label <Labl>	[0..1]	Text		2022

19.1.6.1.7 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 2022](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2022
	Label <Labl>	[0..1]	Text		2022

19.1.6.2 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2021
	Currency <Ccy>	[1..1]	CodeSet	C1	2021
	Sign <Sgn>	[0..1]	Indicator		2022

19.1.6.2.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "[ImpliedCurrencyAndAmount](#)" on [page 2332](#)

19.1.6.2.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: [C1 "ActiveCurrency"](#)

Datatype: "[ActiveCurrencyCode](#)" on [page 2336](#)

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.6.2.3 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 2406):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

19.1.6.3 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		2022
	Label <Labl>	[0..1]	Text		2022

19.1.6.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "[ImpliedCurrencyAndAmount](#)" on page 2332

19.1.6.3.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "[Max140Text](#)" on page 2409

19.1.6.4 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	OtherType <OthrTp>	[0..1]	Text		2023
	SubType <SubTp>	[0..1]	Text		2023
	Amount <Amt>	[0..1]	±		2023
	Percentage <Pctg>	[0..1]	Rate		2023

19.1.6.4.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "InstalmentAmountDetailsType1Code" on page 2368

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.

19.1.6.4.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2411

19.1.6.4.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 2411

19.1.6.4.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "Amount5" on page 2023 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2024
	Sign <Sgn>	[0..1]	Indicator		2024

19.1.6.4.5 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 2407

19.1.6.5 Amount5

Definition: Signed amount in a given numeric currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2024
	Sign <Sgn>	[0..1]	Indicator		2024

19.1.6.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.6.5.2 Sign <Sgn>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2406):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

19.1.7 Card Transaction

19.1.7.1 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		2024
	UnitType <UnitTp>	[1..1]	CodeSet		2024
	OtherUnitType <OthrUnitTp>	[0..1]	Text		2025

19.1.7.1.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 2411

19.1.7.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 2366

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.
PMTS	Payments	Grace period payments.

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private Grace period.
OTHN	OtherNational	Other National Grace period.
MNTH	Months	Grace period months.
DAYS	Days	Grace period days.

19.1.7.1.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2411

19.1.8 Identification Information

19.1.8.1 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2025
	Type <Tp>	[0..1]	CodeSet		2025
	Issuer <Issr>	[0..1]	CodeSet		2026
	Country <Ctry>	[0..1]	Text		2026
	ShortName <ShrtNm>	[0..1]	Text		2027

19.1.8.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2375

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.

CodeName	Name	Definition
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	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.

19.1.8.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2375

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.

19.1.8.1.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2414

19.1.8.1.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.2 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

19.1.8.2.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.2.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 2375

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.

19.1.8.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2376

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.

19.1.8.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2414

19.1.8.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.3 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

19.1.8.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2375

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.

19.1.8.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2375

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.

19.1.8.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2414

19.1.8.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.3.6 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2239
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239
	UserName <UsrNm>	[0..1]	Text		2240
	AccessCode <AccsCd>	[0..1]	Binary		2240
	ServerCertificate <SvrCert>	[0..*]	Binary		2240
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2240
	ClientCertificate <ClntCert>	[0..*]	Binary		2240
	SecurityProfile <SctyPrfl>	[0..1]	Text		2240

19.1.8.3.7 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]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

19.1.8.3.7.1 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		2032
	Longitude <Long>	[1..1]	Text		2032

19.1.8.3.7.1.1 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 2411

19.1.8.3.7.1.2 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 2411

19.1.8.3.7.2 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		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

19.1.8.3.7.2.1 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 2411

19.1.8.3.7.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 2411

19.1.8.3.7.2.3 UTMNorthward <UTMNrthwrd>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 2411

19.1.8.4 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		2033
	IdentificationType <IdTp>	[1..1]	Text		2033

19.1.8.4.1 Identification <Id>

Presence: [1..1]

Definition: Identifier issued to a person for which no specific identifier has been defined.

Datatype: "Max35Text" on page 2411

19.1.8.4.2 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 2411

19.1.8.5 GenericIdentification32

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

19.1.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.5.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 2376

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.

19.1.8.5.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2376

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.

19.1.8.5.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2411

19.1.8.6 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		2035
	Issuer <Issr>	[1..1]	Text		2035
	SchemeName <SchmeNm>	[0..1]	Text		2035

19.1.8.6.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Exact4AlphaNumericText" on page 2407

19.1.8.6.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2411

19.1.8.6.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 2411

19.1.9 Miscellaneous

19.1.9.1 CardPaymentEnvironment81

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2041
	ServiceProvider <SvcPrvdr>	[0..1]	±		2041
	Merchant <Mrchnt>	[0..1]			2042
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043
	POI <POI>	[0..1]			2043
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046
	Card <Card>	[0..1]			2048
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrdhldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051
	MaskedPAN <MskdPAN>	[0..1]	Text		2052

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053
	Check <Chck>	[0..1]			2053
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056
	StoredValueAccount <StordValAcct>	[0..*]			2056
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058
	EntryMode <NtryMd>	[0..1]	CodeSet		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059
	LoyaltyAccount <LtyAcct>	[0..*]	±		2059
	CustomerDevice <CstmrDvc>	[0..1]	±		2060
	Wallet <Wlt>	[0..1]	±		2060
	PaymentToken <PmtTkn>	[0..1]	±		2060
	MerchantToken <MrchntTkn>	[0..1]	±		2061
	Cardholder <Crdhldr>	[0..1]			2061
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068
	Name <Nm>	[0..1]	Text		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BlgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <CrdhldrId>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <DrvrId>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIStyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086
	UTMCoordinates <UTMCordints>	[0..1]			2087

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2088
	SaleEnvironment <SaleEnv>	[0..1]			2089
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2091

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.1.9.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 1908 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1908
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1909

19.1.9.1.2 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Third party agent which provides services.

ServiceProvider <SvcPrvdr> contains the following elements (see "[Acquirer10](#)" on page 1908 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1908
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1909

19.1.9.1.3 Merchant <Mrchnt>

Presence: [0..1]

Definition: Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

Merchant <Mrchnt> contains the following **Organisation41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		2042
	CommonName <CmonNm>	[0..1]	Text		2042
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2042
	LocationAndContact <LctnAndCtct>	[0..1]	±		2043
	SchemeData <SchmeData>	[0..1]	Text		2043

19.1.9.1.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following elements (see "[GenericIdentification32](#)" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

19.1.9.1.3.2 CommonName <CmonNm>

Presence: [0..1]

Definition: Name of the merchant as appearing on the receipt.

Datatype: "[Max70Text](#)" on page 2413

19.1.9.1.3.3 LocationCategory <LctnCtgy>

Presence: [0..1]

Definition: Location category of the place where the merchant actually performed the transaction.

Datatype: "LocationCategory4Code" on page 2371

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.

19.1.9.1.3.4 LocationAndContact <LctnAndCtct>

Presence: [0..1]

Definition: Location and contact information of the merchant performing the transaction.

LocationAndContact <LctnAndCtct> contains the following elements (see "[CommunicationAddress9](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		2018
	Email <Email>	[0..1]	Text		2018
	URLAddress <URLAdr>	[0..1]	Text		2019
	Phone <Phne>	[0..1]	Text		2019
	CustomerService <CstmrSvc>	[0..1]	Text		2019
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		2019

19.1.9.1.3.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "Max140Text" on page 2409

19.1.9.1.4 POI <POI>

Presence: [0..1]

Definition: Point of interaction (POI) performing the transaction.

POI <POI> contains the following **PointOfInteraction15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2044
	SystemName <SysNm>	[0..1]	Text		2044
	GroupIdentification <GrpId>	[0..1]	Text		2045
	Capabilities <Cpblties>	[0..1]	±		2045
	TimeZone <TmZone>	[0..1]	Text		2045
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2045
	Component <Cmpnt>	[0..*]	±		2046

19.1.9.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) for the acquirer or its agent.

Identification <Id> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2033

19.1.9.1.4.2 SystemName <SysNm>

Presence: [0..1]

Definition: Common name assigned by the acquirer to the POI (Point Of Interaction) system.

Datatype: "[Max70Text](#)" on page 2413

19.1.9.1.4.3 GroupIdentification <GrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2411

19.1.9.1.4.4 Capabilities <Cpblties>

Presence: [0..1]

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

Capabilities <Cpblties> contains the following elements (see "PointOfInteractionCapabilities9" on page 2118 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2119
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2120
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2120
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2120
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2121
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2121
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2121
	MessageCapabilities <MsgCpblties>	[0..*]			2121
	Destination <Dstn>	[1..*]	CodeSet		2121
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2122
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2122
	LineWidth <LineWidth>	[0..1]	Quantity		2122
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2122

19.1.9.1.4.5 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

Datatype: "Max70Text" on page 2413

19.1.9.1.4.6 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

Definition: Indicates the type of integration of the POI terminal in the sale environment.

Datatype: "LocationCategory3Code" on page 2370

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.

19.1.9.1.4.7 Component <Cmpnt>

Presence: [0..*]

Definition: Data related to a component of the POI (Point Of Interaction) performing the transaction.

Component <Cmpnt> contains the following elements (see "PointOfInteractionComponent17" on page 2212 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

19.1.9.1.5 Card <Card>

Presence: [0..1]

Definition: Payment card performing the transaction.

Card <Card> contains the following **PaymentCard35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2049
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2050
	PlainCardData <PlainCardData>	[0..1]			2050
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrdhldrNm>	[0..1]	Text		2051
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2051
	MaskedPAN <MskdPAN>	[0..1]	Text		2052
	IssuerBIN <IssrBIN>	[0..1]	Text		2052
	CardCountryCode <CardCtryCd>	[0..1]	Text		2052
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2052
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2052
	CardBrand <CardBrnd>	[0..1]	Text		2052
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2052
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2053
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2053
	AllowedProduct <AllwdPdct>	[0..*]	Text		2053
	ServiceOption <SvcOptn>	[0..1]	Text		2053
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2053

19.1.9.1.5.1 ProtectedCardData <PrtctdCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

ProtectedCardData <PrtctdCardData> contains the following elements (see
"ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.1.5.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a private envelope.

Datatype: "Max100KBinary" on page 2333

19.1.9.1.5.3 PlainCardData <PlainCardData>

Presence: [0..1]

Definition: Sensitive data associated with the card performing the transaction.

PlainCardData <PlainCardData> contains the following **PlainCardData22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		2050
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2050
	EffectiveDate <FctvDt>	[0..1]	Text		2050
	ExpiryDate <XpryDt>	[0..1]	Text		2051
	ServiceCode <SvcCd>	[0..1]	Text		2051
	Track1 <Trck1>	[0..1]	Text		2051
	Track2 <Trck2>	[0..1]	Text		2051
	Track3 <Trck3>	[0..1]	Text		2051
	CardholderName <CrdhldrNm>	[0..1]	Text		2051

19.1.9.1.5.3.1 PAN <PAN>

Presence: [1..1]

Definition: Primary Account Number (PAN) of the card, or surrogate of the PAN by a payment token.

Datatype: "Min8Max28NumericText" on page 2415

19.1.9.1.5.3.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a card or a payment token inside a set of cards with the same PAN or token.

Datatype: "Min2Max3NumericText" on page 2414

19.1.9.1.5.3.3 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date from which the card can be used, expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 2408

19.1.9.1.5.3.4 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or the payment token expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 2408

19.1.9.1.5.3.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 2407

19.1.9.1.5.3.6 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 2413

19.1.9.1.5.3.7 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 2411

19.1.9.1.5.3.8 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 2408

19.1.9.1.5.3.9 CardholderName <CrdrHldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 2412

19.1.9.1.5.4 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

Datatype: "Max70Text" on page 2413

19.1.9.1.5.5 MaskedPAN <MskdPAN>

Presence: [0..1]

Definition: Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '*'.
Datatype: "Max30Text" on page 2410

19.1.9.1.5.6 IssuerBIN <IssrBIN>

Presence: [0..1]

Definition: Bank identifier number of the issuer for routing purpose.

Datatype: "Max15NumericText" on page 2409

19.1.9.1.5.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

Datatype: "Max3Text" on page 2412

19.1.9.1.5.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

Definition: Currency code of the card issuer (ISO 4217 numeric code).

Datatype: "Exact3AlphaNumericText" on page 2407

19.1.9.1.5.9 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Defines a category of cards related to the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2411

19.1.9.1.5.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2411

19.1.9.1.5.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 2357

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.

19.1.9.1.5.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 2411

19.1.9.1.5.13 InternationalCard <IntrnlCard>

Presence: [0..1]

Definition: True if the card may be used abroad.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.1.5.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 2413

19.1.9.1.5.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 2411

19.1.9.1.5.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 2413

19.1.9.1.6 Check <Chck>

Presence: [0..1]

Definition: Check Payment instrument.

Check <Chck> contains the following **Check1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BankIdentification <Bkld>	[0..1]	Text		2054
	AccountNumber <AcctNb>	[0..1]	Text		2054
	CheckNumber <ChckNb>	[0..1]	Text		2054
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2054
	CheckTrackData2 <ChckTrckData2>	[0..1]			2054
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055
	CheckType <ChckTp>	[0..1]	CodeSet		2055
	Country <Ctry>	[0..1]	Text		2056

19.1.9.1.6.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 2411

19.1.9.1.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 2411

19.1.9.1.6.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 2411

19.1.9.1.6.4 CheckCardNumber <ChckCardNb>

Presence: [0..1]

Definition: Check guarantee card number.

The human readable number from the Check Guarantee Card that is presented during the check tendering process.

Datatype: "Max35Text" on page 2411

19.1.9.1.6.5 CheckTrackData2 <ChckTrckData2>

Presence: [0..1]

Definition: Track Data of the check to digitally identify the data.

CheckTrackData2 <ChckTrckData2> contains the following **TrackData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackNumber <TrckNb>	[0..1]	Quantity		2055
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2055
	TrackValue <TrckVal>	[1..1]	Text		2055

19.1.9.1.6.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 2406

19.1.9.1.6.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 2400

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.

19.1.9.1.6.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 2409

19.1.9.1.6.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 2358

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.

19.1.9.1.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 2412

19.1.9.1.7 StoredValueAccount <StordValAcct>

Presence: [0..*]

Definition: Store value account payment instrument.

StoredValueAccount <StordValAcct> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		2056
	IdentificationType <IdTp>	[0..1]	CodeSet		2057
	Identification <Id>	[0..1]	Text		2057
	Brand <Brnd>	[0..1]	Text		2058
	Provider <Prvdr>	[0..1]	Text		2058
	OwnerName <OwnrNm>	[0..1]	Text		2058
	ExpiryDate <XpryDt>	[0..1]	Text		2058
	EntryMode <NtryMd>	[0..1]	CodeSet		2058
	Currency <Ccy>	[0..1]	CodeSet	C1	2059
	Balance <Bal>	[0..1]	Amount		2059

19.1.9.1.7.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2395

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.

19.1.9.1.7.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2354

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.

19.1.9.1.7.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2411

19.1.9.1.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

19.1.9.1.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2411

19.1.9.1.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

19.1.9.1.7.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2408

19.1.9.1.7.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.9.1.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.1.7.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.1.8 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

19.1.9.1.9 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Device used by the customer to perform the payment transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "[CustomerDevice3](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2103
	Type <Tp>	[0..1]	Text		2103
	Provider <Prvdr>	[0..1]	Text		2103

19.1.9.1.10 Wallet <Wlt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "[CustomerDevice3](#)" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2103
	Type <Tp>	[0..1]	Text		2103
	Provider <Prvdr>	[0..1]	Text		2103

19.1.9.1.11 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "Token1" on page 2326 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2326
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2327
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2327
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2327
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2327
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2327

19.1.9.1.12 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "MerchantToken2" on page 2330 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2330
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2330
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2330
	TokenRequestor <TknRqstr>	[0..1]			2330
	ProviderIdentification <Prvdrlld>	[1..1]	Text		2331
	RequestorIdentification <Rqstrld>	[1..1]	Text		2331
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2331
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2331
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2331
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2331

19.1.9.1.13 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <Crhdldr> contains the following **Cardholder21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2065
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068
	Name <Nm>	[0..1]	Text		2068
	Language <Lang>	[0..1]	CodeSet	C12	2068
	BillingAddress <BllgAdr>	[0..1]	±		2069
	ShippingAddress <ShppgAdr>	[0..1]	±		2069
	TripNumber <TripNb>	[0..1]	Text		2070
	Vehicle <Vhcl>	[0..1]	±		2070
	Authentication <Authntcn>	[0..*]			2071
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlick>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <Crhdldrld>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <Drvrld>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2082
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <Rslt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRslt>	[0..1]	Text		2084
	PersonalData <PrsnlData>	[0..1]	Text		2085
	MobileData <MobData>	[0..*]			2085
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2088

19.1.9.1.13.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the cardholder involved in a transaction.

Identification <Id> contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2065
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2065
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2066
	DriverIdentification <DrvrId>	[0..1]	Text		2066
	CustomerNumber <CstmrNb>	[0..1]	Text		2066
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2066
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2066
	PassportNumber <PsptNb>	[0..1]	Text		2066
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2066
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2066
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2067
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2067
	JobNumber <JobNb>	[0..1]	Text		2067
	Department <Dept>	[0..1]	Text		2067
	EmailAddress <EmailAdr>	[0..1]	Text		2067
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2067
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068
	Other <Othr>	[0..*]	±		2068

19.1.9.1.13.1.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

Definition: Number assigned to an employer by a registration authority.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.15 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2410

19.1.9.1.13.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

Presence: [0..1]

Definition: Date and place of birth of a person.

DateAndPlaceOfBirth <DtAndPlcOfBirth> contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2067
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2068
	CityOfBirth <CityOfBirth>	[1..1]	Text		2068
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2068

19.1.9.1.13.1.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2404

19.1.9.1.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2358

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

19.1.9.1.13.1.17 Other <Othr>

Presence: [0..*]

Definition: Unique identification of a person, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following elements (see "GenericIdentification4" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	IdentificationType <IdTp>	[1..1]	Text		2033

19.1.9.1.13.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 2412

19.1.9.1.13.3 Language <Lang>

Presence: [0..1]

Definition: Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.9.1.13.4 BillingAddress <BllgAdr>

Presence: [0..1]

Definition: Postal address of the owner of the payment card.

BillingAddress <BllgAdr> contains the following elements (see "PostalAddress22" on page 2258 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2259
	Department <Dept>	[0..1]	Text		2259
	SubDepartment <SubDept>	[0..1]	Text		2259
	AddressLine <AdrLine>	[0..2]	Text		2259
	StreetName <StrtNm>	[0..1]	Text		2260
	BuildingNumber <BldgNb>	[0..1]	Text		2260
	PostCode <PstCd>	[0..1]	Text		2260
	TownName <TwnNm>	[0..1]	Text		2260
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2260
	CountryCode <CtryCd>	[0..1]	Text		2260

19.1.9.1.13.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 2258 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2259
	Department <Dept>	[0..1]	Text		2259
	SubDepartment <SubDept>	[0..1]	Text		2259
	AddressLine <AdrLine>	[0..2]	Text		2259
	StreetName <StrtNm>	[0..1]	Text		2260
	BuildingNumber <BldgNb>	[0..1]	Text		2260
	PostCode <PstCd>	[0..1]	Text		2260
	TownName <TwnNm>	[0..1]	Text		2260
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2260
	CountryCode <CtryCd>	[0..1]	Text		2260

19.1.9.1.13.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.7 Vehicle <Vhcl>

Presence: [0..1]

Definition: Information related to the vehicle used for the transaction.

Vehicle <Vhcl> contains the following elements (see "Vehicle1" on page 2112 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2113
	TrailerNumber <TrlrNb>	[0..1]	Text		2113
	VehicleTag <VhclTag>	[0..1]	Text		2114
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2114
	UnitNumber <UnitNb>	[0..1]	Text		2114
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2114
	Odometer <Odmtr>	[0..1]	Quantity		2114
	Hubometer <Hbmtr>	[0..1]	Quantity		2115
	TrailerHours <TrlrHrs>	[0..1]	Text		2115
	ReferHours <RefrHrs>	[0..1]	Text		2115
	Maintenanceldentification <Mntncld>	[0..1]	Text		2115
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2115
	PAN <PAN>	[0..1]	Text		2115
	Track1 <Trck1>	[0..1]	Text		2116
	Track2 <Trck2>	[0..1]	Text		2116
	Track3 <Trck3>	[0..1]	Text		2116
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2116
	EntryMode <NtryMd>	[0..1]	CodeSet		2116
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2117
	Type <Tp>	[0..1]	Text		2117
	EntryMode <NtryMd>	[0..1]	CodeSet		2117
	Data <Data>	[1..1]	Text		2118

19.1.9.1.13.8 Authentication <Authntcn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction to authenticate the cardholder and its card.

Authentication <Authntcn> contains the following **CardholderAuthentication17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2073
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2074
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2075
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2075
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2075
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076
	CardholderIdentification <CrdhldrId>	[0..1]			2076
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <DrvrId>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080
	AddressVerification <AdrVrfctn>	[0..1]			2080

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2081
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2081
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2081
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2081
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082

19.1.9.1.13.8.1 AuthenticationMethod <AuthntcnMtd>

Presence: [0..1]

Definition: Method and data intended to be used for this transaction to authenticate the cardholder or its card.

Datatype: "AuthenticationMethod8Code" on page 2348

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.

19.1.9.1.13.8.2 AuthenticationExemption <AuthntcnXmptn>

Presence: [0..1]

Definition: If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

Datatype: "Exemption1Code" on page 2363

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.

19.1.9.1.13.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 2334

19.1.9.1.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.1.13.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

Presence: [0..1]

Definition: Encrypted personal identification number (PIN) and related information.

CardholderOnLinePIN <CrdhldrOnLinePIN> contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2075
	PINFormat <PINFrmt>	[1..1]	CodeSet		2076
	AdditionalInput <AddtlInpt>	[0..1]	Text		2076

19.1.9.1.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.1.13.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

Definition: PIN (Personal Identification Number) format before encryption.

Datatype: "PINFormat3Code" on page 2378

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.

19.1.9.1.13.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

Definition: Additional information required to verify the PIN (Personal Identification Number).

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6 CardholderIdentification <CrhdldrId>

Presence: [0..1]

Definition: Identification of the cardholder to verify.

CardholderIdentification <CrhdIdrId> contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2077
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2077
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2077
	DriverIdentification <DrvrId>	[0..1]	Text		2078
	CustomerNumber <CstmrNb>	[0..1]	Text		2078
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2078
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2078
	PassportNumber <PsptNb>	[0..1]	Text		2078
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2078
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2078
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2078
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2079
	JobNumber <JobNb>	[0..1]	Text		2079
	Department <Dept>	[0..1]	Text		2079
	EmailAddress <EmailAdr>	[0..1]	Text		2079
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2079
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080
	Other <Othr>	[0..*]	±		2080

19.1.9.1.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.6 SocialSecurityNumber <ScISctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

Definition: Number assigned to an employer by a registration authority.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2410

19.1.9.1.13.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

Presence: [0..1]

Definition: Date and place of birth of a person.

DateAndPlaceOfBirth <DtAndPlcOfBirth> contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2079
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2079
	CityOfBirth <CityOfBirth>	[1..1]	Text		2080
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2080

19.1.9.1.13.8.6.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2404

19.1.9.1.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.6.16.4 CountryOfBirth <CtrOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2358

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

19.1.9.1.13.8.6.17 Other <Othr>

Presence: [0..*]

Definition: Unique identification of a person, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following elements (see "GenericIdentification4" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	IdentificationType <IdTp>	[1..1]	Text		2033

19.1.9.1.13.8.7 AddressVerification <AdrVrfctn>

Presence: [0..1]

Definition: Numeric characters of the cardholder's billing or shipping address for verification.

AddressVerification <AdrVrfctn> contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2080
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2081

19.1.9.1.13.8.7.1 AddressDigits <AdrDgts>

Presence: [0..1]

Definition: Numeric characters from the cardholder's address excluding the postal code (that is street number).

Datatype: "Max5NumericText" on page 2412

19.1.9.1.13.8.7.2 PostalCodeDigits <PstlCdDgts>

Presence: [0..1]

Definition: Numeric characters from the cardholder's postal code.

Datatype: "Max5NumericText" on page 2412

19.1.9.1.13.8.8 AuthenticationType <AuthntcnTp>

Presence: [0..1]

Definition: Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.9 AuthenticationLevel <AuthntcnLvl>

Presence: [0..1]

Definition: Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 2349

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.

19.1.9.1.13.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

Presence: [0..1]

Definition: Additional information related to the result of the authentication.

AuthenticationAdditionalInformation <AuthntcnAddtlInf> contains the following
ExternallyDefinedData5 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2082
	Value <Val>	[0..1]	Binary		2082
	ProtectedValue <PrctcdVal>	[0..1]	±		2082
	Type <Tp>	[0..1]	Text		2082

19.1.9.1.13.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

19.1.9.1.13.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

19.1.9.1.13.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.9.1.13.8.11.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "Max1025Text" on page 2408

19.1.9.1.13.9 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

Definition: Result of performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2083
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2084
	Result <RsIt>	[0..1]	CodeSet		2084
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2084

19.1.9.1.13.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 2347

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.

19.1.9.1.13.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 2347

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.

19.1.9.1.13.9.3 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 2404

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.

19.1.9.1.13.9.4 AdditionalResult <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 2412

19.1.9.1.13.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 2413

19.1.9.1.13.11 MobileData <MobData>

Presence: [0..*]

Definition: Data related to the mobile of stakeholder.

MobileData <MobData> contains the following **MobileData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2085
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2085
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2086
	Geolocation <Glctn>	[0..1]			2086
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2087
	SensitiveMobileData <SnstvlMobData>	[0..1]			2087
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2088

19.1.9.1.13.11.1 MobileCountryCode <MobCtryCd>

Presence: [0..1]

Definition: Identifies the country of a mobile phone operator.

Datatype: "Min2Max3AlphaText" on page 2414

19.1.9.1.13.11.2 MobileNetworkCode <MobNtwkCd>

Presence: [0..1]

Definition: Identifies the mobile phone operator inside a country.

Datatype: "Min2Max3NumericText" on page 2414

19.1.9.1.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.4 Geolocation <Glctn>

Presence: [0..1]

Definition: Geographic location specified by geographic or UTM coordinates.

Geolocation <Glctn> contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2086
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086
	UTMCoordinates <UTMCordints>	[0..1]			2087
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2087

19.1.9.1.13.11.4.1 GeographicCoordinates <GeogcCordints>

Presence: [0..1]

Definition: Geographic location specified by geographic coordinates.

GeographicCoordinates <GeogcCordints> contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2086
	Longitude <Long>	[1..1]	Text		2086

19.1.9.1.13.11.4.1.1 Latitude <Lat>

Presence: [1..1]

Definition: Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.4.1.2 Longitude <Long>

Presence: [1..1]

Definition: Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.4.2 UTMCoordinates <UTMCordints>

Presence: [0..1]

Definition: Geographic location specified by UTM coordinates.

UTMCoordinates <UTMCordints> contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2087
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2087
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2087

19.1.9.1.13.11.4.2.1 UTMZone <UTMZone>

Presence: [1..1]

Definition: UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.4.2.2 UTMEastward <UTMEstwrdr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.4.2.3 UTMNorthward <UTMNrthwrdr>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2411

19.1.9.1.13.11.5 SensitiveMobileData <SnstvMobData>

Presence: [0..1]

Definition: Sensitive information related to the mobile phone.

SensitiveMobileData <SnstvMobData> contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2088
	IMSI <IMSI>	[0..1]	Text		2088
	IMEI <IMEI>	[0..1]	Text		2088

19.1.9.1.13.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

Definition: identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

Datatype: "Max35NumericText" on page 2411

19.1.9.1.13.11.5.2 IMSI <IMSI>

Presence: [0..1]

Definition: International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

Datatype: "Max35NumericText" on page 2411

19.1.9.1.13.11.5.3 IMEI <IMEI>

Presence: [0..1]

Definition: International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

Datatype: "Max35NumericText" on page 2411

19.1.9.1.13.11.6 ProtectedMobileData <PrtctdMobData>

Presence: [0..1]

Definition: Sensitive information related to the mobile phone, protected by CMS.

ProtectedMobileData <PrtctdMobData> contains the following elements (see "ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.1.14 ProtectedCardholderData <PrtctdCrhdlrData>

Presence: [0..1]

Definition: Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

ProtectedCardholderData <PrctcdCrhdldrData> contains the following elements (see
"ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.1.15 SaleEnvironment <SaleEnv>

Presence: [0..1]

Definition: Sale Retailer Environment for this message.

SaleEnvironment <SaleEnv> contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2089
	Currency <Ccy>	[0..1]	CodeSet	C1	2090
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2090
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2090
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2091
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2091
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2091

19.1.9.1.15.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 2394

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.

19.1.9.1.15.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.1.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.1.15.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.1.15.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.1.15.6 DebitPreferredFlag <DbtPrefrdFlg>

Presence: [0..1]

Definition: Flag if preferred type of payment is a debit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.1.15.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 2371

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.

19.1.9.2 Instalment5

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

19.1.9.2.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 2369

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.

19.1.9.2.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 2411

19.1.9.2.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 2378

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.

19.1.9.2.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 2406

19.1.9.2.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 2366

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.

19.1.9.2.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 2406

19.1.9.2.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 2406

19.1.9.2.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 2404

19.1.9.2.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C1 "ActiveCurrency", C5 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 2331

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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.

19.1.9.2.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.2.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.2.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.2.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.2.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 2022 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	OtherType <OthrTp>	[0..1]	Text		2023
	SubType <SubTp>	[0..1]	Text		2023
	Amount <Amt>	[0..1]	±		2023
	Percentage <Pctg>	[0..1]	Rate		2023

19.1.9.2.15 InterestRate <IntrstRate>

Presence: [0..*]

Definition: Details of the interest rate.

InterestRate <IntrstRate> contains the following **InterestRateDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096

19.1.9.2.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 2369

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

19.1.9.2.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 2411

19.1.9.2.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 2368

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

19.1.9.2.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 2407

19.1.9.2.16 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "GracePeriod1" on page 2024 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		2024
	UnitType <UnitTp>	[1..1]	CodeSet		2024
	OtherUnitType <OthrUnitTp>	[0..1]	Text		2025

19.1.9.2.17 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the InstalmentPlan.

PlanNotice <PlanNtce> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.3 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2097
	EntryMode <NtryMd>	[0..1]	CodeSet		2098
	IdentificationType <IdTp>	[0..1]	CodeSet		2098
	Brand <Brnd>	[0..1]	Text		2099
	Provider <Prvdr>	[0..1]	Text		2099
	OwnerName <OwnrNm>	[0..1]	Text		2099
	Unit <Unit>	[0..1]	CodeSet		2099
	Currency <Ccy>	[0..1]	CodeSet	C1	2099
	Balance <Bal>	[0..1]	Amount		2100

19.1.9.3.1 LoyaltyIdentification <LltyId>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "Max35Text" on page 2411

19.1.9.3.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.9.3.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 2354

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).

CodeName	Name	Definition
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

19.1.9.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2411

19.1.9.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 2411

19.1.9.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2412

19.1.9.3.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

19.1.9.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.3.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.4 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

19.1.9.4.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: "ISODatetime" on page 2404

19.1.9.4.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: "ISODatetime" on page 2404

19.1.9.4.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: "Number" on page 2406

19.1.9.4.4 IndividualPayment <IndvPmt>

Presence: [0..*]

Definition: Individual payment that has been aggregated.

IndividualPayment <IndvPmt> contains the following **DetailedAmount21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Labl>	[0..1]	Text		2102

19.1.9.4.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.4.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: "ISODatetime" on page 2404

19.1.9.4.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.9.4.4.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 2332

19.1.9.4.4.5 Label <Lbl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 2409

19.1.9.5 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2102
	Content <Cntt>	[0..1]	Binary		2103

19.1.9.5.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 2358

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).

19.1.9.5.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 2333

19.1.9.6 CustomerDevice3

Definition: Device used by the customer to perform the payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2103
	Type <Tp>	[0..1]	Text		2103
	Provider <Prvdr>	[0..1]	Text		2103

19.1.9.6.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "Max35Text" on page 2411

19.1.9.6.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 2413

19.1.9.6.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 2411

19.1.9.7 CustomerOrder1

Definition: Customer order attached to a customer, recorded in the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

19.1.9.7.1 CustomerOrderIdentification <CstmrOrdrlId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 2411

19.1.9.7.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 2411

19.1.9.7.3 OpenOrderState <OpnOrdStat>

Presence: [0..1]

Definition: Specifies if a customer order is currently open.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.7.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODateTime" on page 2404

19.1.9.7.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODateTime" on page 2404

19.1.9.7.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 2345

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

19.1.9.7.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.7.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.7.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 2411

19.1.9.7.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 2408

19.1.9.8 ActionMessage11

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.8.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 2403

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.

19.1.9.8.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 2366

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.

19.1.9.8.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 2374

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.

CodeName	Name	Definition
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

19.1.9.8.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 2409

19.1.9.8.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType38" on page 2300 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

19.1.9.8.6 OutputBarcode <OutptBrcd>

Presence: [0..1]

Definition: Content of message displayed or printed as Barcode.

OutputBarcode <OutptBrcd> contains the following **OutputBarcode2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2110

19.1.9.8.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 2349

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.

19.1.9.8.6.2 BarcodeValue <BrCdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 2413

19.1.9.8.6.3 QRCodeBinaryValue <QRCDBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Response Code.

Datatype: "Max3000Binary" on page 2334

19.1.9.8.6.4 QRCodeVersion <QRCDVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 2409

19.1.9.8.6.5 QRCodeEncodingMode <QRCDNcodgMd>

Presence: [0..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 2382

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.

19.1.9.8.6 QRCodeErrorCorrection <QRCDerrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 2382

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%

19.1.9.8.7 ResponseRequiredFlag <RspnReqrdFlg>

Presence: [0..1]

Definition: Flag to request a message response.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.8.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 2406

19.1.9.9 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2110
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2111
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2112

19.1.9.9.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 2384

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.

19.1.9.9.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 2386

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of

CodeName	Name	Definition
		services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

19.1.9.9.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 2409

19.1.9.10 Vehicle1

Definition: Information related to a vehicle used during a transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2113
	TrailerNumber <TrlrNb>	[0..1]	Text		2113
	VehicleTag <VhclTag>	[0..1]	Text		2114
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2114
	UnitNumber <UnitNb>	[0..1]	Text		2114
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2114
	Odometer <Odmttr>	[0..1]	Quantity		2114
	Hubometer <Hbmtr>	[0..1]	Quantity		2115
	TrailerHours <TrlrHrs>	[0..1]	Text		2115
	ReferHours <RefrHrs>	[0..1]	Text		2115
	Maintenanceldentification <Mntncld>	[0..1]	Text		2115
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2115
	PAN <PAN>	[0..1]	Text		2115
	Track1 <Trck1>	[0..1]	Text		2116
	Track2 <Trck2>	[0..1]	Text		2116
	Track3 <Trck3>	[0..1]	Text		2116
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2116
	EntryMode <NtryMd>	[0..1]	CodeSet		2116
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2117
	Type <Tp>	[0..1]	Text		2117
	EntryMode <NtryMd>	[0..1]	CodeSet		2117
	Data <Data>	[1..1]	Text		2118

19.1.9.10.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 2411

19.1.9.10.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 2411

19.1.9.10.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 2411

19.1.9.10.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 2352

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.

19.1.9.10.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 2411

19.1.9.10.6 ReplacementCar <RplcmntCar>

Presence: [0..1]

Definition: True if the car is a replacement car.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.10.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 2406

19.1.9.10.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 2406

19.1.9.10.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 2411

19.1.9.10.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 2411

19.1.9.10.11 MaintenanceIdentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 2411

19.1.9.10.12 DriverOrVehicleCard <DrvrOrVhclCard>

Presence: [0..1]

Definition: Second card presented for the payment transaction.

DriverOrVehicleCard <DrvrOrVhclCard> contains the following **PlainCardData17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		2115
	Track1 <Trck1>	[0..1]	Text		2116
	Track2 <Trck2>	[0..1]	Text		2116
	Track3 <Trck3>	[0..1]	Text		2116
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2116
	EntryMode <NtryMd>	[0..1]	CodeSet		2116

19.1.9.10.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 2415

19.1.9.10.12.2 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 2413

19.1.9.10.12.3 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 2411

19.1.9.10.12.4 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 2408

19.1.9.10.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 2411

19.1.9.10.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 2352

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV

CodeName	Name	Definition
		(standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

19.1.9.10.13 AdditionalVehicleData <AddtlVhclData>

Presence: [0..*]

Definition: Additional information related to the vehicle.

AdditionalVehicleData <AddtlVhclData> contains the following **Vehicle2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2117
	EntryMode <NtryMd>	[0..1]	CodeSet		2117
	Data <Data>	[1..1]	Text		2118

19.1.9.10.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 2411

19.1.9.10.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 2352

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.

19.1.9.10.13.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 2411

19.1.9.11 SupplementaryData1

Definition: Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2118
	Envelope <Envlp>	[1..1]	(External Schema)		2118

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.

19.1.9.11.1 PlaceAndName <PlcAndNm>

Presence: [0..1]

Definition: Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

Datatype: "Max350Text" on page 2411

19.1.9.11.2 Envelope <Envlp>

Presence: [1..1]

Definition: Technical element wrapping the supplementary data.

Type: (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

19.1.9.12 PointOfInteractionCapabilities9

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2119
	CardholderVerificationCapabilities <CrhdldrVrfctn Cpblties>	[0..*]	CodeSet		2120
	PINLengthCapabilities <PINLngh Cpblties>	[0..1]	Quantity		2120
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2120
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2121
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2121
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2121
	MessageCapabilities <MsgCpblties>	[0..*]			2121
	Destination <Dstn>	[1..*]	CodeSet		2121
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2122
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2122
	LineWidth <LineWidth>	[0..1]	Quantity		2122
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2122

19.1.9.12.1 CardReadingCapabilities <CardRdngCpblties>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 2352

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.)

19.1.9.12.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 2353

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.

19.1.9.12.3 PINLengthCapabilities <PINLnghCpblties>

Presence: [0..1]

Definition: Maximum number of digits the POI is able to accept when the cardholder enters its PIN.

Datatype: "PositiveNumber" on page 2406

19.1.9.12.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 2406

19.1.9.12.5 MaxScriptLength <MxScripLngth>

Presence: [0..1]

Definition: Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

Datatype: "PositiveNumber" on page 2406

19.1.9.12.6 CardCaptureCapable <CardCaptrCpbl>

Presence: [0..1]

Definition: True if the POI is able to capture card.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.12.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 2373

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.

19.1.9.12.8 MessageCapabilities <MsgCpblties>

Presence: [0..*]

Definition: Capabilities of the terminal to display or print message to the cardholder and the merchant.

MessageCapabilities <MsgCpblties> contains the following **DisplayCapabilities4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..*]	CodeSet		2121
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2122
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2122
	LineWidth <LineWidth>	[0..1]	Quantity		2122
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2122

19.1.9.12.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 2403

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.

19.1.9.12.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 2374

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.

19.1.9.12.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 2406

19.1.9.12.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 2406

19.1.9.12.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.1.9.13 RecurringTransaction6

Definition: Element related to recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

19.1.9.13.1 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the recurring plan.

Datatype: "Max35Text" on page 2411

19.1.9.13.2 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring occurrence of the transaction (1 = 1st recurring, 2 = 2nd recurring, etc.).

Datatype: "Number" on page 2406

19.1.9.13.3 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 2366

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.

CodeName	Name	Definition
TEND	TenDays	Event takes place every ten business days.

19.1.9.13.4 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod1](#)" on page 2024 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		2024
	UnitType <UnitTp>	[1..1]	CodeSet		2024
	OtherUnitType <OthrUnitTp>	[0..1]	Text		2025

19.1.9.13.5 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the RecurringPlan.

PlanNotice <PlanNtce> contains the following elements (see "[ActionMessage11](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.14 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

19.1.9.14.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODatetime" on page 2404

19.1.9.14.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 2411

19.1.9.15 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

19.1.9.15.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 2411

19.1.9.15.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2413

19.1.9.15.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2413

19.1.9.15.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2402

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.

CodeName	Name	Definition
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.

CodeName	Name	Definition
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

19.1.9.15.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 2406

19.1.9.15.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.15.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2406):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

19.1.9.15.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.15.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2406):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

19.1.9.15.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.15.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 2411

19.1.9.15.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 2409

19.1.9.15.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery of the item, for instance pump number or parking bay.

Datatype: "Max10Text" on page 2408

19.1.9.15.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 2346

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.

19.1.9.15.15 SaleChannel <SaleChanI>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 2413

19.1.9.15.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 2410

19.1.9.16 PaymentReceipt6

Definition: Customer or merchant receipts generated by the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2130
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2130
	RequiredSignatureFlag <ReqrdsGntrFlg>	[0..1]	Indicator		2130
	OutputContent <OutptCntt>	[1..1]	±		2131

19.1.9.16.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2361

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.

19.1.9.16.2 IntegratedPrintFlag <IntgrtdPrtFlg>

Presence: [0..1]

Definition: Flag is the print is integrated to other prints.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.16.3 RequiredSignatureFlag <ReqrdsGntrFlg>

Presence: [0..1]

Definition: Flag to indicate that the cardholder payment receipt requires a signature by the customer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.16.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "[ActionMessage11](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.17 DataSetIdentification11

Definition: Identification of a data set.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2131
	Type <Tp>	[1..1]	CodeSet		2132
	Version <Vrsn>	[0..1]	Text		2133
	CreationDateTime <CreDtTm>	[0..1]	DateTime		2133

19.1.9.17.1 Name <Nm>

Presence: [0..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2410

19.1.9.17.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory20Code" on page 2360

CodeName	Name	Definition
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
APPR	ApplicationParameters	Payment application specific configuration parameters for the point of interaction (POI) system.
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.
DLGT	DelegationData	Data needed to create a terminal management sub-domain.
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
SCPR	SecurityParameters	Point of interaction parameters related to the security of software application and application protocol.
SWPK	SoftwareModule	Software module.
STRP	StatusReport	Report of software configuration and parameter status.
TRPR	TerminalParameters	Point of interaction parameters attached to the terminal as serial number or physical capabilities.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
PARA	Parameters	Any combination of configuration parameters for the point of interaction (POI).
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
CRTF	CertificateParameters	Certificate provided by a terminal manager.
LOGF	LogFile	Any repository used for recording log traces.
CMRQ	CertificateManagementRequest	Trigger for CertificateManagementRequest.

CodeName	Name	Definition
MDFL	MediaFile	Media file managed by an application of the POI.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
SPRP	ServiceProviderParameters	Service Provider specific parameters for the point of interaction (POI) system.
PROB	Probe	Probe used to monitor a feature on the POI.

19.1.9.17.3 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data set.

Datatype: "Max256Text" on page 2410

19.1.9.17.4 CreationDateTime <CreDtTm>

Presence: [0..1]

Definition: Date and time of creation of the data set.

Datatype: "ISODatetime" on page 2404

19.1.9.18 RetailerPaymentResult7

Definition: Data related to the result of a processed payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2140
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2141
	TransactionType <TxTp>	[1..1]	CodeSet		2142
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2142
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2143
	RequestedTransaction <ReqdTxx>	[0..1]			2143
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2152
	TransactionIdentification <Txld>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2154
	TransactionIdentification <Txld>	[1..1]	±		2154
	POIIdentification <POIld>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <ApblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtDtls>	[0..*]	±		2163
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168
	TotalAmount <TtlAmt>	[1..1]	Amount		2168

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtlAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177
	ApplicableBinRange <ApblBinRg>	[0..*]			2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtnTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187
	CustomerOrder <CstmrOrdrr>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189
	TransactionResponse <TxRspn>	[0..1]			2189
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctcdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205
	SourceCurrency <SrcCcy>	[1..1]			2205

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <DclrtDtls>	[0..*]	±		2208
	CustomerOrder <CstmrOrd>	[0..*]	±		2209
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2210
	ImageFormat <ImgFrmt>	[1..1]	Text		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2211
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2211
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2211
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2211

19.1.9.18.1 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of payment instruments relevant to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

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.

19.1.9.18.2 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

19.1.9.18.3 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 2354

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.

19.1.9.18.4 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.

CodeName	Name	Definition
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

19.1.9.18.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

19.1.9.18.6 RequestedTransaction <ReqdTxx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2148
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2148
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		2149
	TransactionType <TxTp>	[1..1]	CodeSet		2149
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2150
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2151
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2151
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2151
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2152
	TransactionIdentification <TxId>	[1..1]	±		2152
	OriginalTransaction <OrgnlTx>	[0..1]			2152
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtDtls>	[0..*]	±		2163
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2164
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2164
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2164
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2164
	TransactionDetails <TxDtls>	[1..1]			2165
	Currency <Ccy>	[0..1]	CodeSet	C1	2168
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtldAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2185
	AuthorisationResult <AuthstnRslt>	[0..1]			2185
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		2187
	CustomerToken <CstmrTkn>	[0..1]	±		2187
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2188
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2188
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		2188
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2188
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2189
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2189
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2189

19.1.9.18.6.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.6.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2377

CodeName	Name	Definition
CARD	Card	Payment card (credit or debit).
CASH	Cash	Cash managed by a cash handling system.
CHCK	Check	Paper check.
LOYT	LoyaltyAccount	Account using loyalty processing.
SVAC	StoredValueAccount	Account accessed by a stored value instrument such as a card or a certificate.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

19.1.9.18.6.3 PaymentTypeInfoInformation <PmtTplnf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInfoInformation <PmtTplnf> contains the following elements (see "PaymentTypeInfoInformation26" on page 2249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

19.1.9.18.6.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2356

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

19.1.9.18.6.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2357

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

19.1.9.18.6.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2355

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.

19.1.9.18.6.7 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.6.8 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 2414

19.1.9.18.6.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.10 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

19.1.9.18.6.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2154
	TransactionIdentification <TxId>	[1..1]	±		2154
	POIIdentification <POIID>	[1..1]	±		2154
	CurrencyConversion <CcyConvs>	[0..1]			2154
	Result <RsIt>	[1..1]	CodeSet		2157
	ResultReason <RsItRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsItgAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2163

19.1.9.18.6.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.11.2 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 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2125
	TransactionReference <TxRef>	[1..1]	Text		2125

19.1.9.18.6.11.3 POIIdentification <POIID>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) performing the transaction.

POIIdentification <POIID> contains the following elements (see "GenericIdentification32" on page 2033 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2033
	Type <Tp>	[0..1]	CodeSet		2034
	Issuer <Issr>	[0..1]	CodeSet		2034
	ShortName <ShrtNm>	[0..1]	Text		2034

19.1.9.18.6.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		2157
	ResultReason <RsltRsn>	[0..1]	Text		2157
	ConversionDetails <ConvsDtls>	[0..*]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2163

19.1.9.18.6.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2359

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.

19.1.9.18.6.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtDtls>	[0..*]	±		2163

19.1.9.18.6.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.11.4.3.2 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	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

19.1.9.18.6.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.6.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.6.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.6.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.11.4.3.4 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 2407

19.1.9.18.6.11.4.3.5 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 2407

19.1.9.18.6.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.11.4.3.9 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	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161

19.1.9.18.6.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.6.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.6.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.6.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.11.4.3.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApIblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162

19.1.9.18.6.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.6.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.6.11.4.3.11 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		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162

19.1.9.18.6.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.11.4.3.12 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		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163

19.1.9.18.6.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

19.1.9.18.6.11.4.3.13 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		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163

19.1.9.18.6.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

19.1.9.18.6.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

19.1.9.18.6.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrCdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.18.6.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2409

19.1.9.18.6.14 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 2409

19.1.9.18.6.15 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 2409

19.1.9.18.6.16 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2168
	TotalAmount <TtlAmt>	[1..1]	Amount		2168
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2168
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2168
	DetailedAmount <DtldAmt>	[0..1]	±		2168
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2169
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2169
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2169
	ValidityDate <VldtyDt>	[0..1]	Date		2169
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2169
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		2170
	AccountType <AcctTp>	[0..1]	CodeSet		2170
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2171
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2177
	ApplicableBinRange <ApblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtDtls>	[0..*]	±		2179
	Instalment <Instlmt>	[0..*]	±		2180
	Recurring <Rcrng>	[0..1]	±		2181
	AggregationTransaction <AggtTx>	[0..1]	±		2182
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2182
	SaleItem <Saleitm>	[0..*]	±		2182
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2183
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2183
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2183
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		2183
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2184
	AdditionalInformation <AddtlInf>	[0..*]			2184
	Identification <Id>	[1..1]	Text		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2185

19.1.9.18.6.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.6.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2401

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.

19.1.9.18.6.16.5 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		2020
	CashBack <CshBck>	[0..1]	Amount		2020
	Gratuity <Grtty>	[0..1]	Amount		2020
	Fees <Fees>	[0..*]	±		2020
	Rebate <Rbt>	[0..*]	±		2020
	ValueAddedTax <ValAddedTax>	[0..*]	±		2020
	Surcharge <Srchr>	[0..*]	±		2021

19.1.9.18.6.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.8 InvoiceAmount <InvAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2404

19.1.9.18.6.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2373

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

19.1.9.18.6.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2411

19.1.9.18.6.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2351

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.

19.1.9.18.6.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2173
	Conversion <Convs>	[0..1]			2173
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2179

19.1.9.18.6.16.13.1 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.6.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2175
	TargetCurrency <TrgtCcy>	[1..1]			2175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2176
	ExchangeRate <XchgRate>	[1..1]	Rate		2176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2176
	QuotationDate <QtnDt>	[0..1]	DateTime		2176
	ValidFrom <VldFr>	[0..1]	DateTime		2176
	ValidUntil <VldUntil>	[0..1]	DateTime		2176
	SourceCurrency <SrcCcy>	[1..1]			2176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177
	ApplicableBinRange <AplblBinRg>	[0..*]			2177
	LowerBin <LwrBin>	[1..1]	Text		2178
	HigherBin <HghrBin>	[1..1]	Text		2178
	OriginalAmount <OrgnlAmt>	[0..1]			2178
	ActualAmount <ActlAmt>	[0..1]	Amount		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178
	CommissionDetails <ComssnDtls>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	MarkUpDetails <MrkUpDtls>	[0..*]			2179
	Rate <Rate>	[1..1]	Rate		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179
	DeclarationDetails <DclrtDtls>	[0..*]	±		2179

19.1.9.18.6.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.16.13.2.2 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	2175
	NumericCode <NmrcCd>	[1..1]	Text		2175
	Decimal <Dcml>	[1..1]	Quantity		2175
	Name <Nm>	[0..1]	Text		2175

19.1.9.18.6.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.6.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.6.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.6.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.13.2.4 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 2407

19.1.9.18.6.16.13.2.5 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 2407

19.1.9.18.6.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

19.1.9.18.6.16.13.2.9 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	2177
	NumericCode <NmrcCd>	[0..1]	Text		2177
	Decimal <Dcml>	[0..1]	Quantity		2177
	Name <Nm>	[0..1]	Text		2177

19.1.9.18.6.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.6.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.6.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.6.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.16.13.2.10 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		2178
	HigherBin <HghrBin>	[1..1]	Text		2178

19.1.9.18.6.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.6.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.6.16.13.2.11 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		2178
	MinimumAmount <MinAmt>	[0..1]	Amount		2178
	MaximumAmount <MaxAmt>	[0..1]	Amount		2178

19.1.9.18.6.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.13.2.12 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		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179

19.1.9.18.6.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

19.1.9.18.6.16.13.2.13 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		2179
	AdditionalInformation <AddtlInf>	[0..1]	Text		2179

19.1.9.18.6.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

19.1.9.18.6.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

19.1.9.18.6.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.18.6.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2092
	PlanIdentification <PlanId>	[0..1]	Text		2093
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2093
	SequenceNumber <SeqNb>	[0..1]	Quantity		2093
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2093
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2094
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2094
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2094
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2094
	FirstAmount <FrstAmt>	[0..1]	Amount		2094
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2094
	LastAmount <LastAmt>	[0..1]	Amount		2095
	Charges <Chrgs>	[0..1]	Amount		2095
	DetailedCharges <DtldChrgs>	[0..*]	±		2095
	InterestRate <IntrstRate>	[0..*]			2095
	Type <Tp>	[0..1]	CodeSet		2095
	OtherType <OthrTp>	[0..1]	Text		2096
	Period <Prd>	[1..1]	CodeSet		2096
	Rate <Rate>	[1..1]	Rate		2096
	GracePeriod <GracePrd>	[0..*]	±		2096
	PlanNotice <PlanNtce>	[0..*]	±		2096

19.1.9.18.6.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2123 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2123
	SequenceNumber <SeqNb>	[0..1]	Quantity		2123
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2123
	GracePeriod <GracePrd>	[0..*]	±		2124
	PlanNotice <PlanNtce>	[0..*]	±		2124

19.1.9.18.6.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2100
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2100
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2100
	IndividualPayment <IndvPmt>	[0..*]			2100
	Amount <Amt>	[1..1]	Amount		2101
	DateTime <DtTm>	[1..1]	DateTime		2101
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2101
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2102
	Label <Lab>	[0..1]	Text		2102

19.1.9.18.6.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2408

19.1.9.18.6.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2125 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2126
	ProductCode <PdctCd>	[1..1]	Text		2126
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2126
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2126
	ProductQuantity <PdctQty>	[0..1]	Quantity		2128
	UnitPrice <UnitPric>	[0..1]	Amount		2128
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2128
	ProductAmount <PdctAmt>	[1..1]	Amount		2128
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2128
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2128
	TaxType <TaxTp>	[0..1]	Text		2129
	ProductDescription <PdctDesc>	[0..1]	Text		2129
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2129
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2129
	SaleChannel <SaleChanl>	[0..1]	Text		2129
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2129

19.1.9.18.6.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2411

19.1.9.18.6.16.20 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 2406

19.1.9.18.6.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

19.1.9.18.6.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2406

19.1.9.18.6.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.6.16.24 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		2184
	Value <Val>	[0..1]	Binary		2184
	ProtectedValue <PrctcdVal>	[0..1]	±		2184
	Type <Tp>	[0..1]	Text		2185

19.1.9.18.6.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

19.1.9.18.6.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

19.1.9.18.6.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.9.18.6.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

19.1.9.18.6.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2332

19.1.9.18.6.17 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]	±		2185
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2186
	Response <Rspn>	[1..1]	CodeSet		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2187

19.1.9.18.6.17.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

19.1.9.18.6.17.2 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		2186
	ResponseReason <RspnRsn>	[0..1]	Text		2186
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2187

19.1.9.18.6.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2384

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

19.1.9.18.6.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2411

19.1.9.18.6.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

19.1.9.18.6.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

19.1.9.18.6.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2413

19.1.9.18.6.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

19.1.9.18.6.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2329

19.1.9.18.6.21 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.6.22 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 2411

19.1.9.18.6.23 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 2411

19.1.9.18.6.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2413

19.1.9.18.6.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2413

19.1.9.18.6.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2413

19.1.9.18.6.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2413

19.1.9.18.7 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			2192
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194
	AllowedProductCode <AllwdPdctCd>	[0..*]			2194
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195
	AdditionalAvailableProduct <AddtlAvblPdct>	[0..*]			2195
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	Balance <Bal>	[0..1]	±		2198
	ProtectedBalance <PrctcdBal>	[0..1]	±		2198
	Action <Actn>	[0..*]			2199
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		2202
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			2202
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2208

19.1.9.18.7.1 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]	±		2192
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2193
	Response <Rspn>	[1..1]	CodeSet		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2193
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2193
	TMSTrigger <TMSTrggr>	[0..1]			2194
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194

19.1.9.18.7.1.1 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 2027 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2027
	Type <Tp>	[1..1]	CodeSet		2027
	Issuer <Issr>	[0..1]	CodeSet		2028
	Country <Ctry>	[0..1]	Text		2028
	ShortName <ShrtNm>	[0..1]	Text		2028

19.1.9.18.7.1.2 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		2193
	ResponseReason <RspnRsn>	[0..1]	Text		2193
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2193

19.1.9.18.7.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2384

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

19.1.9.18.7.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2411

19.1.9.18.7.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2409

19.1.9.18.7.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2413

19.1.9.18.7.1.4 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.7.1.5 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		2194
	TMSIdentification <TMSId>	[0..1]	Text		2194
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2194

19.1.9.18.7.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 2399

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

19.1.9.18.7.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: ["Max35Text"](#) on page 2411

19.1.9.18.7.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime"](#) on page 2404

19.1.9.18.7.2 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		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195

19.1.9.18.7.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.3 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		2195
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2195

19.1.9.18.7.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.4 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		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	AmountLimit <AmtLmt>	[0..1]	Amount		2196
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196

19.1.9.18.7.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2413

19.1.9.18.7.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2406

19.1.9.18.7.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2402

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.

19.1.9.18.7.5 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 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2021
	Currency <Ccy>	[1..1]	CodeSet	C1	2021
	Sign <Sgn>	[0..1]	Indicator		2022

19.1.9.18.7.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.18.7.7 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2199
	MessageToPresent <MsgToPres>	[0..1]	±		2200
	RemoteAccess <RmotAccs>	[0..1]	±		2201
	Retry <Rtry>	[0..1]	±		2202
	TimeCondition <TmCond>	[0..1]	±		2202

19.1.9.18.7.7.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "ActionType15Code" on page 2335

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.

19.1.9.18.7.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "[ActionMessage11](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.18.7.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "[NetworkParameters7](#)" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2239
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239
	UserName <UsrNm>	[0..1]	Text		2240
	AccessCode <AccsCd>	[0..1]	Binary		2240
	ServerCertificate <SvrCert>	[0..*]	Binary		2240
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2240
	ClientCertificate <CIntCert>	[0..*]	Binary		2240
	SecurityProfile <SctyPrfl>	[0..1]	Text		2240

19.1.9.18.7.7.4 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 2324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2324
	MaximumNumber <MaxNb>	[0..1]	Quantity		2325
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2325

19.1.9.18.7.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2325 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2325
	EndTime <EndTm>	[0..1]	DateTime		2325
	Period <Prd>	[0..1]	Text		2326
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2326

19.1.9.18.7.8 CurrencyConversionEligibility <CcyConvseElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2204
	TargetCurrency <TrgtCcy>	[1..1]			2204
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205
	ResultingAmount <RsltAmt>	[0..1]	Amount		2205
	ExchangeRate <XchgRate>	[1..1]	Rate		2205
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2205
	QuotationDate <QtnDt>	[0..1]	DateTime		2205
	ValidFrom <VldFr>	[0..1]	DateTime		2205
	ValidUntil <VldUntil>	[0..1]	DateTime		2205
	SourceCurrency <SrcCcy>	[1..1]			2205
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206
	ApplicableBinRange <AplblBinRg>	[0..*]			2206
	LowerBin <LwrBin>	[1..1]	Text		2207
	HigherBin <HghrBin>	[1..1]	Text		2207
	OriginalAmount <OrgnlAmt>	[0..1]			2207
	ActualAmount <ActlAmt>	[0..1]	Amount		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207
	CommissionDetails <ComssnDtls>	[0..*]			2208
	Amount <Amt>	[1..1]	Amount		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208
	MarkUpDetails <MrkUpDtls>	[0..*]			2208
	Rate <Rate>	[1..1]	Rate		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2208

19.1.9.18.7.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2411

19.1.9.18.7.8.2 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	2204
	NumericCode <NmrcCd>	[1..1]	Text		2204
	Decimal <Dcml>	[1..1]	Quantity		2204
	Name <Nm>	[0..1]	Text		2205

19.1.9.18.7.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.7.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.7.8.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.7.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.7.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.8.4 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 2407

19.1.9.18.7.8.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2407

19.1.9.18.7.8.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2404

19.1.9.18.7.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2404

19.1.9.18.7.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2404

19.1.9.18.7.8.9 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	2206
	NumericCode <NmrcCd>	[0..1]	Text		2206
	Decimal <Dcml>	[0..1]	Quantity		2206
	Name <Nm>	[0..1]	Text		2206

19.1.9.18.7.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

19.1.9.18.7.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2407

19.1.9.18.7.8.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2406

19.1.9.18.7.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2411

19.1.9.18.7.8.10 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		2207
	HigherBin <HghrBin>	[1..1]	Text		2207

19.1.9.18.7.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.7.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2409

19.1.9.18.7.8.11 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		2207
	MinimumAmount <MinAmt>	[0..1]	Amount		2207
	MaximumAmount <MaxAmt>	[0..1]	Amount		2207

19.1.9.18.7.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.8.12 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		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208

19.1.9.18.7.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2332

19.1.9.18.7.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2411

19.1.9.18.7.8.13 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		2208
	AdditionalInformation <AddtlInf>	[0..1]	Text		2208

19.1.9.18.7.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2407

19.1.9.18.7.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2411

19.1.9.18.7.8.14 DeclarationDetails <Dclrtndtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2106
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2106
	Format <Frmt>	[0..1]	CodeSet		2107
	MessageContent <MsgCntt>	[0..1]	Text		2108
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2108
	OutputBarcode <OutptBrcd>	[0..1]			2108
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2108
	BarcodeValue <BrcdVal>	[0..1]	Text		2109
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2109
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2109
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2109
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2110
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2110
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2110

19.1.9.18.8 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 2103 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2104
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2104
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2104
	StartDate <StartDt>	[1..1]	DateTime		2104
	EndDate <EndDt>	[0..1]	DateTime		2104
	Unit <Unit>	[0..1]	CodeSet		2105
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2105
	CurrentAmount <CurAmt>	[0..1]	Amount		2105
	Currency <Ccy>	[0..1]	CodeSet	C1	2105
	AccessedBy <AccsdBy>	[0..1]	Text		2105
	AdditionalInformation <AddtlInf>	[0..1]	Text		2105

19.1.9.18.9 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		2210
	ImageData <ImgData>	[0..1]	Binary		2210
	ImageReference <ImgRef>	[0..1]	Text		2211
	AdditionalInformation <AddtlInf>	[0..1]	Text		2211

19.1.9.18.9.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "[Max35Text](#)" on page 2411

19.1.9.18.9.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "[Max2MBBinary](#)" on page 2333

19.1.9.18.9.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: "Max500Text" on page 2412

19.1.9.18.9.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: "Max140Text" on page 2409

19.1.9.18.10 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctcdCaptrdSgntr> contains the following elements (see "ContentInformationType40" on page 2320 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.9.18.11 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.18.12 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2370

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

19.1.9.18.13 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 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.19 PointOfInteractionComponent17

Definition: Data related to a component of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2214
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2215
	Identification <Id>	[1..1]			2216
	ItemNumber <ItmNb>	[0..1]	Text		2216
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrlNb>	[0..1]	Text		2216
	Status <Sts>	[0..1]			2216
	VersionNumber <VrsnNb>	[0..1]	Text		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217
	StandardCompliance <StdCmplc>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218
	Characteristics <Chrtcs>	[0..1]			2218
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224
	AccessCode <AccsCd>	[0..1]	Binary		2224

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225
	Assessment <Assmnt>	[0..*]			2226
	Type <Tp>	[1..1]	CodeSet		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227
	Package <Packg>	[0..*]			2228
	PackageIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLnth>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230
	ProbeValue <PrbVal>	[0..1]	Binary		2230

19.1.9.19.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType7Code" on page 2380

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.

19.1.9.19.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 2413

19.1.9.19.3 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		2216
	ProviderIdentification <PrvdrId>	[0..1]	Text		2216
	Identification <Id>	[0..1]	Text		2216
	SerialNumber <SrINb>	[0..1]	Text		2216

19.1.9.19.3.1 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 2411

19.1.9.19.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2411

19.1.9.19.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 2410

19.1.9.19.3.4 SerialNumber <SrINb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 2410

19.1.9.19.4 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		2217
	Status <Sts>	[0..1]	CodeSet		2217
	ExpiryDate <XpryDt>	[0..1]	Date		2217

19.1.9.19.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 2410

19.1.9.19.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 2380

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.

19.1.9.19.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 2404

19.1.9.19.5 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		2217
	Version <Vrsn>	[1..1]	Text		2218
	Issuer <Issr>	[1..1]	Text		2218

19.1.9.19.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 2411

19.1.9.19.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 2411

19.1.9.19.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2411

19.1.9.19.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			2219
	Identification <Id>	[1..1]	Text		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220
	Communication <Com>	[0..*]			2220
	CommunicationType <ComTp>	[1..1]	CodeSet		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224
	SecurityAccessModules <SctyAccsMdls>	[0..1]	Quantity		2225
	SubscriberIdentityModules <SbcbrldntyMdls>	[0..1]	Quantity		2225
	SecurityElement <SctyElmt>	[0..*]	±		2225

19.1.9.19.6.1 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		2220
	TotalSize <TtlSz>	[1..1]	Quantity		2220
	FreeSize <FreeSz>	[1..1]	Quantity		2220
	Unit <Unit>	[1..1]	CodeSet		2220

19.1.9.19.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 2411

19.1.9.19.6.1.2 TotalSize <TtISz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 2406

19.1.9.19.6.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 2406

19.1.9.19.6.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 2372

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.

19.1.9.19.6.2 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		2221
	RemoteParty <RmotPty>	[1..*]	CodeSet		2222
	Active <Actv>	[1..1]	Indicator		2222
	Parameters <Params>	[0..1]	±		2222
	PhysicalInterface <PhysIntrfc>	[0..1]			2223
	InterfaceName <IntrfcNm>	[1..1]	Text		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224

19.1.9.19.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 2379

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.

19.1.9.19.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 2377

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.

19.1.9.19.6.2.3 Active <Activ>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.9.19.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "[NetworkParameters7](#)" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2239
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239
	UserName <UsrNm>	[0..1]	Text		2240
	AccessCode <AccsCd>	[0..1]	Binary		2240
	ServerCertificate <SvrCert>	[0..*]	Binary		2240
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2240
	ClientCertificate <ClntCert>	[0..*]	Binary		2240
	SecurityProfile <SctyPrfl>	[0..1]	Text		2240

19.1.9.19.6.2.5 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		2223
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2223
	UserName <UsrNm>	[0..1]	Text		2224
	AccessCode <AccsCd>	[0..1]	Binary		2224
	SecurityProfile <SctyPrfl>	[0..1]	Text		2224
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2224

19.1.9.19.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 2411

19.1.9.19.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 2379

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

19.1.9.19.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 2411

19.1.9.19.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 2334

19.1.9.19.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 2411

19.1.9.19.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 2333

19.1.9.19.6.3 SecurityAccessModules <SctyAccsMdl>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 2406

19.1.9.19.6.4 SubscriberIdentityModules <SbcbrldntyMdl>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 2406

19.1.9.19.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey18" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2284
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2284
	Name <Nm>	[0..1]	Text		2285
	SecurityProfile <SctyPrfl>	[0..1]	Text		2285
	ItemNumber <ItmNb>	[0..1]	Text		2285
	Version <Vrsn>	[1..1]	Text		2285
	Type <Tp>	[0..1]	CodeSet		2285
	Function <Fctn>	[0..*]	CodeSet		2286
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2286
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2287
	KeyValue <KeyVal>	[0..1]	±		2287
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2287
	Identification <Id>	[1..1]	Text		2287
	Type <Tp>	[1..1]	CodeSet		2287
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2288
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2288
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2288
	Name <Nm>	[1..1]	Text		2288
	Value <Val>	[0..1]	Text		2289

19.1.9.19.7 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		2227
	Assigner <Assgnr>	[1..*]	Text		2227
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2227
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2227
	Number <Nb>	[1..1]	Text		2227

19.1.9.19.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 2379

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.

19.1.9.19.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 2411

19.1.9.19.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 2404

19.1.9.19.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 2404

19.1.9.19.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 2411

19.1.9.19.8 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
	PackagelIdentification <PackgId>	[0..1]	±		2228
	PackageLength <PackgLngh>	[0..1]	Quantity		2228
	OffsetStart <OffsetStart>	[0..1]	Quantity		2228
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2229
	PackageBlock <PackgBlck>	[0..*]			2229
	Identification <Id>	[1..1]	Text		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230

19.1.9.19.8.1 PackagelIdentification <PackgId>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

PackagelIdentification <PackgId> contains the following elements (see "[GenericIdentification176](#)" on page 2025 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2025
	Type <Tp>	[0..1]	CodeSet		2025
	Issuer <Issr>	[0..1]	CodeSet		2026
	Country <Ctry>	[0..1]	Text		2026
	ShortName <ShrtNm>	[0..1]	Text		2027

19.1.9.19.8.2 PackageLength <PackgLngh>

Presence: [0..1]

Definition: Full length of software package identified through PackagelIdentification.

Datatype: "[PositiveNumber](#)" on page 2406

19.1.9.19.8.3 OffsetStart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through PackagelIdentification.

Datatype: "PositiveNumber" on page 2406

19.1.9.19.8.4 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 2406

19.1.9.19.8.5 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		2229
	Value <Val>	[0..1]	Binary		2229
	ProtectedValue <PrctcdVal>	[0..1]	±		2229
	Type <Tp>	[0..1]	Text		2230

19.1.9.19.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2408

19.1.9.19.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2333

19.1.9.19.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.9.19.8.5.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2408

19.1.9.19.9 ProbeValue <PrbVal>

Presence: [0..1]

Definition: Provides the value recorded by this probe.

Datatype: "[Max35Binary](#)" on page 2334

19.1.10 Monitoring

19.1.10.1 TMSEvent12

Definition: Result of an individual terminal management action performed by the point of interaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeStamp <TmStmp>	[1..1]	DateTime		2230
	Result <RsIt>	[1..1]	CodeSet		2231
	ActionIdentification <ActnId>	[1..1]			2232
	ActionType <ActnTp>	[1..1]	CodeSet		2232
	DataSetIdentification <DataSetId>	[0..1]	±		2232
	AdditionalErrorInformation <AddtlErrInf>	[0..1]	Text		2233
	TerminalManagerIdentification <TermnlMgrId>	[0..1]	Text		2233
	DeviceResponse <DvcRspn>	[0..1]	±		2233

19.1.10.1.1 TimeStamp <TmStmp>

Presence: [1..1]

Definition: Date time of the terminal management action performed by the point of interaction.

Datatype: "ISODatetime" on page 2404

19.1.10.1.2 Result <Rslt>

Presence: [1..1]

Definition: Final result of the processed terminal management action.

Datatype: "TerminalManagementActionResult5Code" on page 2398

CodeName	Name	Definition
ACCD	AccessDenied	Access is denied while performing the action.
CNTE	ConnectionError	Problem to connect while performing the action.
FMTE	FormatError	Data transferred has a wrong format.
INVC	InvalidContent	Content of the data is invalid.
LENE	LengthError	Data transferred has a wrong length.
OVER	MemoryOverflow	Memory to store the date exceeded.
MISS	MissingFile	Data set to be maintained is missing.
NSUP	NotSupported	Action is not supported.
SIGE	SignatureError	Data transferred has a wrong digital signature.
WARN	SuccessWithWarning	Action was performed but some warnings arose.
SYNE	SyntaxError	Data transferred has a wrong syntax.
TIMO	Timeout	Timeout expired during the data transfer.
UKDT	UnknownData	Data set identification invalid.
UKRF	UnknownKeyReference	Cryptographic key reference used for the data signature is not valid.
INDP	InvalidDelegationProof	Delegation Proof transmitted by the delegated TMS is not the one expected.
IDMP	InvalidDelegationInManagementPlan	One action of the AcceptorManagementPlan refers to an update unauthorized by the delegation.
DPRU	DelegationParametersReceivedUnauthorized	The content analysis of the AcceptorConfigurationUpdate reveals unexpected parameters.
AERR	AnyError	This code value means all TerminalManagementActionResultCode except "Any Error" and "Unlisted Error".
CMER	CommunicationError	Error in communication once the connection has been established.
ULER	UnlistedError	Any error that is not defined by a code value inside the TerminalManagementActionResultCode.
SUCC	Success	Action was successfully performed.

19.1.10.1.3 ActionIdentification <ActnId>

Presence: [1..1]

Definition: Identification of the terminal management action performed by the point of interaction.

ActionIdentification <ActnId> contains the following **TMSActionIdentification10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2232
	DataSetIdentification <DataSetId>	[0..1]	±		2232

19.1.10.1.3.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Types of terminal management action performed by a point of interaction.

Datatype: "TerminalManagementAction5Code" on page 2397

CodeName	Name	Definition
DCTV	Deactivate	Request to deactivate the element identified inside the message exchange.
DELT	Delete	Request to delete the element identified inside the message exchange.
DWNL	Download	Request to download the element identified inside the message exchange.
INST	Install	Request to install the element identified inside the message exchange.
RSTR	Restart	Request to restart the element identified inside the message exchange.
UPLD	Upload	Request to upload the element identified inside the message exchange.
UPDT	Update	Request to update the element identified inside the message exchange.
BIND	Bind	Request sent to a POI to bind with a server.
RBND	Rebind	Request sent to a POI to rebind with a server.
UBND	Unbind	Request sent to a POI to unbind with a server.
ACTV	Activate	Request to activate the element identified inside the message exchange.
DEVR	DeviceRequest	Request to execute a device request.

19.1.10.1.3.2 DataSetIdentification <DataSetId>

Presence: [0..1]

Definition: Data set on which the action has been performed.

DataSetIdentification <DataSetId> contains the following elements (see "[DataSetIdentification11](#)" on page 2131 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2131
	Type <Tp>	[1..1]	CodeSet		2132
	Version <Vrsn>	[0..1]	Text		2133
	CreationDateTime <CreDtTm>	[0..1]	DateTime		2133

19.1.10.1.4 AdditionalErrorInformation <AddtlErrlInf>

Presence: [0..1]

Definition: Additional information related to a failure.

Datatype: "[Max70Text](#)" on page 2413

19.1.10.1.5 TerminalManagerIdentification <TermnlMgrId>

Presence: [0..1]

Definition: Identification of the terminal management system (TMS) used with the action.

Datatype: "[Max35Text](#)" on page 2411

19.1.10.1.6 DeviceResponse <DvcRspsn>

Presence: [0..1]

Definition: Response of a device request done previously.

DeviceResponse <DvcRspn> contains the following elements (see "DeviceResponse8" on page 1969 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1973
	Context <Cntxt>	[0..1]		C9	1979
	PaymentContext <PmtCntxt>	[0..1]			1982
	CardPresent <CardPres>	[0..1]	Indicator		1982
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1982
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1983
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1983
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1983
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1983
	BusinessArea <BizArea>	[0..1]	CodeSet		1984
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1984
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1984
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1985
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1985
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1986
	SaleContext <SaleCntxt>	[0..1]			1986
	SaleIdentification <SaleId>	[0..1]	Text		1987
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1987
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1988
	CashierIdentification <CshrId>	[0..1]	Text		1988
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1988
	ShiftNumber <ShftNb>	[0..1]	Text		1988
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1988
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1988
	InvoiceNumber <InvNb>	[0..1]	Text		1988
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1989
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1989
	CommonName <CmonNm>	[1..1]	Text		1989
	Address <Adr>	[0..1]	Text		1989
	CountryCode <CtryCd>	[1..1]	CodeSet		1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1989
	RegisteredIdentifier <RegldId>	[1..1]	Text		1989
	SplitPayment <SpltPmt>	[0..1]	Indicator		1990
	RemainingAmount <RmngAmt>	[0..1]	Amount		1990
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1990
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1990
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1990
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1991
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1991
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1991
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1992
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1992
	SystemToNotify <SysToNtfy>	[0..1]	Text		1992
	Debtor <Dbtr>	[0..1]	±		1993
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1994
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1994
	Creditor <Cdtr>	[0..1]	±		1994
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1995
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1996
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1996
	Debtor <Dbtr>	[0..1]	±		1997
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1998
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1999
	Creditor <Cdtr>	[0..1]	±		1999
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	2000
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		2001
	MandateRelatedInformation <MndtRltdInf>	[1..1]			2001
	MandateIdentification <MndtId>	[1..1]	Text		2002
	DateOfSignature <DtOfSgntr>	[0..1]	Date		2002
	MandateImage <MndtImg>	[0..1]	Binary		2002
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		2002

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		2002
	DisplayResponse <DispRspn>	[0..1]			2003
	OutputResult <OutptRslt>	[1..*]			2003
	DeviceType <DvcTp>	[1..1]	CodeSet		2004
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2004
	Response <Rspn>	[1..1]	±		2005
	InputResponse <InptRspn>	[0..1]			2005
	OutputResult <OutptRslt>	[0..1]			2006
	DeviceType <DvcTp>	[1..1]	CodeSet		2006
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2007
	Response <Rspn>	[1..1]	±		2008
	InputResult <InptRslt>	[1..1]			2008
	DeviceType <DvcTp>	[1..1]	CodeSet		2008
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		2009
	InputResultData <InptRsltData>	[1..1]			2009
	InputCommand <InptCmd>	[1..1]	CodeSet		2010
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		2011
	FunctionKey <FctnKey>	[0..1]	Quantity		2011
	InputMessage <InptMsg>	[0..1]	Text		2011
	Password <Pwd>	[0..1]	±		2011
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2012
	ImageFormat <ImgFrmt>	[1..1]	Text		2012
	ImageData <ImgData>	[0..1]	Binary		2012
	ImageReference <ImgRef>	[0..1]	Text		2012
	AdditionalInformation <AddtlInf>	[0..1]	Text		2012
	PrintResponse <PrtRspn>	[0..1]			2012
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2012
	SecureInputResponse <ScrInptRspn>	[0..1]			2013
	CardholderPIN <CrhdldrPIN>	[0..1]			2013
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2014
	PINFormat <PINFrmt>	[1..1]	CodeSet		2014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInput <AddtlInpt>	[0..1]	Text		2014
	InitialisationCardReaderResponse <InitlStnCardRdrRspn>	[0..1]			2014
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		2015
	ICCRResetData <ICCRstData>	[0..1]			2015
	ATRValue <ATRVAl>	[0..1]	Binary		2016
	CardStatus <CardSts>	[0..1]	Binary		2016
	AdditionalInformation <AddtlInf>	[0..1]	Binary		2016
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			2016
	Data <Data>	[0..1]	Binary		2016
	CardStatus <CardSts>	[1..1]	Binary		2016
	TransmissionResponse <TrnsmssnRspn>	[0..1]			2017
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		2017
	Response <Rspn>	[1..1]	±		2017
	SupplementaryData <SplmtryData>	[0..*]	±	C11	2017

19.1.10.2 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]	±		2237
	ProtocolName <PrtcolNm>	[0..1]	Text		2238
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2238
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2238
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2238

19.1.10.2.1 RelayIdentification <RlayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlyId> contains the following elements (see "[GenericIdentification177](#)" on page 2028 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2029
	Type <Tp>	[0..1]	CodeSet		2029
	Issuer <Issr>	[0..1]	CodeSet		2030
	Country <Ctry>	[0..1]	Text		2030
	ShortName <ShrtNm>	[0..1]	Text		2030
	RemoteAccess <RmotAccs>	[0..1]	±		2031
	Geolocation <Glctn>	[0..1]			2031
	GeographicCoordinates <GeogcCordints>	[0..1]			2031
	Latitude <Lat>	[1..1]	Text		2032
	Longitude <Long>	[1..1]	Text		2032
	UTMCoordinates <UTMCordints>	[0..1]			2032
	UTMZone <UTMZone>	[1..1]	Text		2032
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2032
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2033

19.1.10.2.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "[Max35Text](#)" on page 2411

19.1.10.2.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "[Max6Text](#)" on page 2413

19.1.10.2.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2404

19.1.10.2.5 TraceDateTimeout <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2404

19.1.11 Network Access

19.1.11.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2239
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239
	UserName <UsrNm>	[0..1]	Text		2240
	AccessCode <AccsCd>	[0..1]	Binary		2240
	ServerCertificate <SvrCert>	[0..*]	Binary		2240
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2240
	ClientCertificate <CIntCert>	[0..*]	Binary		2240
	SecurityProfile <SctyPrfl>	[0..1]	Text		2240

19.1.11.1.1 Address <Adr>

Presence: [1..*]

Definition: Network addresses of the host.

Address <Adr> contains the following **NetworkParameters9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2239
	AddressValue <AdrVal>	[1..1]	Text		2239

19.1.11.1.1.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 2373

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

19.1.11.1.1.2 AddressValue <AdrVal>

Presence: [1..1]

Definition: Value of the address. The value of an internet protocol address contains the IP address or the DNS (Domain Name Server) address, followed by the character ':' and the port number if the

default port is not used. The value of a public telephone address contains the phone number with possible prefix and extensions.

Datatype: "Max500Text" on page 2412

19.1.11.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 2411

19.1.11.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 2334

19.1.11.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 2333

19.1.11.1.5 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 2333

19.1.11.1.6 ClientCertificate <CIntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 2333

19.1.11.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 2411

19.1.12 Party Identification

19.1.12.1 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		2241
	PostalAddress <PstlAdr>	[0..1]	±		2242
	Identification <Id>	[0..1]			2242
{Or	OrganisationIdentification <OrgId>	[1..1]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2248
	ContactDetails <CtctDtls>	[0..1]	±		2248

19.1.12.1.1 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 2409

19.1.12.1.2 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 2255 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			2255
{Or	Code <Cd>	[1..1]	CodeSet		2256
Or}	Proprietary <Prtry>	[1..1]	±		2256
	CareOf <CareOf>	[0..1]	Text		2256
	Department <Dept>	[0..1]	Text		2256
	SubDepartment <SubDept>	[0..1]	Text		2256
	StreetName <StrtNm>	[0..1]	Text		2257
	BuildingNumber <BldgNb>	[0..1]	Text		2257
	BuildingName <BldgNm>	[0..1]	Text		2257
	Floor <Flr>	[0..1]	Text		2257
	UnitNumber <UnitNb>	[0..1]	Text		2257
	PostBox <PstBx>	[0..1]	Text		2257
	Room <Room>	[0..1]	Text		2257
	PostCode <PstCd>	[0..1]	Text		2257
	TownName <TwnNm>	[0..1]	Text		2258
	TownLocationName <TwnLctnNm>	[0..1]	Text		2258
	DistrictName <DstrctNm>	[0..1]	Text		2258
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2258
	Country <Ctry>	[0..1]	CodeSet	C4	2258
	AddressLine <AdrLine>	[0..7]	Text		2258

19.1.12.1.3 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]			2243
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245
Or}	PrivateIdentification <PrvtId>	[1..1]			2245
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248

19.1.12.1.3.1 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	2244
	LEI <LEI>	[0..1]	IdentifierSet		2244
	Other <Othr>	[0..*]			2244
	Identification <Id>	[1..1]	Text		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245

19.1.12.1.3.1.1 AnyBIC <AnyBIC>

Presence: [0..1]

Definition: Business identification code of the organisation.

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2405

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.

19.1.12.1.3.1.2 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identification as an alternate identification for a party.

Datatype: "LEIIdentifier" on page 2405

19.1.12.1.3.1.3 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		2245
	SchemeName <SchmeNm>	[0..1]			2245
{Or	Code <Cd>	[1..1]	CodeSet		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245
	Issuer <Issr>	[0..1]	Text		2245

19.1.12.1.3.1.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max256Text" on page 2410

19.1.12.1.3.1.3.2 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		2245
Or}	Proprietary <Prtry>	[1..1]	Text		2245

19.1.12.1.3.1.3.2.1 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 2365

19.1.12.1.3.1.3.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2411

19.1.12.1.3.1.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2411

19.1.12.1.3.2 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]			2246
	BirthDate <BirthDt>	[1..1]	Date		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247
	Other <Othr>	[0..*]			2247
	Identification <Id>	[1..1]	Text		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248

19.1.12.1.3.2.1 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		2246
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2246
	CityOfBirth <CityOfBirth>	[1..1]	Text		2247
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2247

19.1.12.1.3.2.1.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2404

19.1.12.1.3.2.1.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2411

19.1.12.1.3.2.1.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2411

19.1.12.1.3.2.1.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2358

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

19.1.12.1.3.2.2 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		2247
	SchemeName <SchmeNm>	[0..1]			2247
{Or	Code <Cd>	[1..1]	CodeSet		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248
	Issuer <Issr>	[0..1]	Text		2248

19.1.12.1.3.2.2.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person.

Datatype: "Max256Text" on page 2410

19.1.12.1.3.2.2.2 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		2248
Or}	Proprietary <Prtry>	[1..1]	Text		2248

19.1.12.1.3.2.2.2.1 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 2365

19.1.12.1.3.2.2.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2411

19.1.12.1.3.2.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2411

19.1.12.1.4 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 2358

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

19.1.12.1.5 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 2251 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2252
	Name <Nm>	[0..1]	Text		2252
	PhoneNumber <PhneNb>	[0..1]	Text		2252
	MobileNumber <MobNb>	[0..1]	Text		2253
	FaxNumber <FaxNb>	[0..1]	Text		2253
	URLAddress <URLAdr>	[0..1]	Text		2253
	EmailAddress <EmailAdr>	[0..1]	Text		2253
	EmailPurpose <EmailPurp>	[0..1]	Text		2253
	JobTitle <JobTitl>	[0..1]	Text		2253
	Responsibility <Rspnsblty>	[0..1]	Text		2253
	Department <Dept>	[0..1]	Text		2253
	Other <Othr>	[0..*]			2254
	ChannelType <ChanlTp>	[1..1]	Text		2254
	Identification <Id>	[0..1]	Text		2254
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2254

19.1.13 Payment Type

19.1.13.1 PaymentTypeInfoInformation26

Definition: Provides further details of the type of payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2250
	ServiceLevel <SvcLvl>	[0..*]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250
	LocalInstrument <LclInstrm>	[0..1]			2250
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251
	CategoryPurpose <CtgyPurp>	[0..1]			2251
{Or	Code <Cd>	[1..1]	CodeSet		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

19.1.13.1.1 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 2381

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

19.1.13.1.2 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		2250
Or}	Proprietary <Prtry>	[1..1]	Text		2250

19.1.13.1.2.1 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 2365

19.1.13.1.2.2 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 2411

19.1.13.1.3 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		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

19.1.13.1.3.1 Code <Cd>

Presence: [1..1]

Definition: Specifies the local instrument, as published in an external local instrument code list.

Datatype: "ExternalLocalInstrument1Code" on page 2364

19.1.13.1.3.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Specifies the local instrument, as a proprietary code.

Datatype: "Max35Text" on page 2411

19.1.13.1.4 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		2251
Or}	Proprietary <Prtry>	[1..1]	Text		2251

19.1.13.1.4.1 Code <Cd>

Presence: [1..1]

Definition: Category purpose, as published in an external category purpose code list.

Datatype: "ExternalCategoryPurpose1Code" on page 2364

19.1.13.1.4.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Category purpose, in a proprietary form.

Datatype: "Max35Text" on page 2411

19.1.14 Person Identification

19.1.14.1 Contact13

Definition: Specifies the details of the contact person.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2252
	Name <Nm>	[0..1]	Text		2252
	PhoneNumber <PhneNb>	[0..1]	Text		2252
	MobileNumber <MobNb>	[0..1]	Text		2253
	FaxNumber <FaxNb>	[0..1]	Text		2253
	URLAddress <URLAdr>	[0..1]	Text		2253
	EmailAddress <EmailAdr>	[0..1]	Text		2253
	EmailPurpose <EmailPurp>	[0..1]	Text		2253
	JobTitle <JobTitl>	[0..1]	Text		2253
	Responsibility <Rspnsblty>	[0..1]	Text		2253
	Department <Dept>	[0..1]	Text		2253
	Other <Othr>	[0..*]			2254
	ChannelType <ChanlTp>	[1..1]	Text		2254
	Identification <Id>	[0..1]	Text		2254
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2254

19.1.14.1.1 NamePrefix <NmPrfx>

Presence: [0..1]

Definition: Specifies the terms used to formally address a person.

Datatype: "NamePrefix2Code" on page 2373

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).

19.1.14.1.2 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 2409

19.1.14.1.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2415

19.1.14.1.4 MobileNumber <MobNb>

Presence: [0..1]

Definition: Collection of information that identifies a mobile phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2415

19.1.14.1.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2415

19.1.14.1.6 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 2410

19.1.14.1.7 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2410

19.1.14.1.8 EmailPurpose <EmailPurp>

Presence: [0..1]

Definition: Purpose for which an email address may be used.

Datatype: "Max35Text" on page 2411

19.1.14.1.9 JobTitle <JobTitl>

Presence: [0..1]

Definition: Title of the function.

Datatype: "Max35Text" on page 2411

19.1.14.1.10 Responsibility <Rspnsblty>

Presence: [0..1]

Definition: Role of a person in an organisation.

Datatype: "Max35Text" on page 2411

19.1.14.1.11 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2413

19.1.14.1.12 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		2254
	Identification <Id>	[0..1]	Text		2254

19.1.14.1.12.1 ChannelType <ChanTp>

Presence: [1..1]

Definition: Method used to contact the financial institution's contact for the specific tax region.

Datatype: "Max4Text" on page 2412

19.1.14.1.12.2 Identification <Id>

Presence: [0..1]

Definition: Communication value such as phone number or email address.

Datatype: "Max128Text" on page 2409

19.1.14.1.13 PreferredMethod <PrefrdMtd>

Presence: [0..1]

Definition: Preferred method used to reach the contact.

Datatype: "PreferredContactMethod2Code" on page 2381

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.

19.1.15 Postal Address

19.1.15.1 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]			2255
{Or	Code <Cd>	[1..1]	CodeSet		2256
Or}	Proprietary <Prtry>	[1..1]	±		2256
	CareOf <CareOf>	[0..1]	Text		2256
	Department <Dept>	[0..1]	Text		2256
	SubDepartment <SubDept>	[0..1]	Text		2256
	StreetName <StrtNm>	[0..1]	Text		2257
	BuildingNumber <BldgNb>	[0..1]	Text		2257
	BuildingName <BldgNm>	[0..1]	Text		2257
	Floor <Flr>	[0..1]	Text		2257
	UnitNumber <UnitNb>	[0..1]	Text		2257
	PostBox <PstBx>	[0..1]	Text		2257
	Room <Room>	[0..1]	Text		2257
	PostCode <PstCd>	[0..1]	Text		2257
	TownName <TwnNm>	[0..1]	Text		2258
	TownLocationName <TwnLctnNm>	[0..1]	Text		2258
	DistrictName <DstrctNm>	[0..1]	Text		2258
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2258
	Country <Ctry>	[0..1]	CodeSet	C4	2258
	AddressLine <AdrLine>	[0..7]	Text		2258

19.1.15.1.1 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		2256
Or}	Proprietary <Prtry>	[1..1]	±		2256

19.1.15.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Type of address expressed as a code.

Datatype: ["AddressType2Code" on page 2337](#)

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.

19.1.15.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Type of address expressed as a proprietary code.

Proprietary <Prtry> contains the following elements (see ["GenericIdentification30" on page 2035](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2035
	Issuer <Issr>	[1..1]	Text		2035
	SchemeName <SchmeNm>	[0..1]	Text		2035

19.1.15.1.2 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 2409](#)

19.1.15.1.3 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: ["Max70Text" on page 2413](#)

19.1.15.1.4 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: ["Max70Text" on page 2413](#)

19.1.15.1.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max140Text" on page 2409

19.1.15.1.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2409

19.1.15.1.7 BuildingName <BldgNm>

Presence: [0..1]

Definition: Name of the building or house.

Datatype: "Max140Text" on page 2409

19.1.15.1.8 Floor <Flr>

Presence: [0..1]

Definition: Floor or storey within a building.

Datatype: "Max70Text" on page 2413

19.1.15.1.9 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identifies a flat or dwelling within the building.

Datatype: "Max16Text" on page 2409

19.1.15.1.10 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 2409

19.1.15.1.11 Room <Room>

Presence: [0..1]

Definition: Building room number.

Datatype: "Max70Text" on page 2413

19.1.15.1.12 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 2409

19.1.15.1.13 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max140Text" on page 2409

19.1.15.1.14 TownLocationName <TwnLctnNm>

Presence: [0..1]

Definition: Specific location name within the town.

Datatype: "Max140Text" on page 2409

19.1.15.1.15 DistrictName <DstrctNm>

Presence: [0..1]

Definition: Identifies a subdivision within a country sub-division.

Datatype: "Max140Text" on page 2409

19.1.15.1.16 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2411

19.1.15.1.17 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2358

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

19.1.15.1.18 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 2413

19.1.15.2 PostalAddress22

Definition: Information that locates and identifies a specific address, as defined by postal services.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2259
	Department <Dept>	[0..1]	Text		2259
	SubDepartment <SubDept>	[0..1]	Text		2259
	AddressLine <AdrLine>	[0..2]	Text		2259
	StreetName <StrtNm>	[0..1]	Text		2260
	BuildingNumber <BldgNb>	[0..1]	Text		2260
	PostCode <PstCd>	[0..1]	Text		2260
	TownName <TwnNm>	[0..1]	Text		2260
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2260
	CountryCode <CtryCd>	[0..1]	Text		2260

19.1.15.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 2337

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.

19.1.15.2.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2413

19.1.15.2.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 2413

19.1.15.2.4 AddressLine <AdrLine>

Presence: [0..2]

Definition: Information that locates and identifies a specific address, as defined by postal services, presented in free format text.

Datatype: "Max70Text" on page 2413

19.1.15.2.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 2413

19.1.15.2.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2409

19.1.15.2.7 PostCode <PstCd>

Presence: [0..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 2409

19.1.15.2.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 2413

19.1.15.2.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2411

19.1.15.2.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 2414

19.1.16 Secure Element

19.1.16.1 EnvelopedData1

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2262
	OriginatorInformation <OrgtrlInf>	[0..1]			2262
	Certificate <Cert>	[0..*]	Binary		2262
	Recipient <Rcpt>	[1..*]			2262
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2263
	Version <Vrsn>	[0..1]	Quantity		2264
	RecipientIdentification <RcptId>	[1..1]			2264
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2266
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2266
Or	KEK <KEK>	[1..1]			2267
	Version <Vrsn>	[0..1]	Quantity		2267
	KEKIdentification <KEKId>	[1..1]	±		2267
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2267
	Algorithm <Algo>	[1..1]	CodeSet		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2271
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2271
	EncryptedContent <NcrptdCntt>	[0..1]			2272
	ContentType <CnttTp>	[1..1]	CodeSet		2272
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2272
	Algorithm <Algo>	[1..1]	CodeSet		2273

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Parameter <Param>	[0..1]			2275
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276
	EncryptedData <NcrptdData>	[1..1]	Binary		2276

19.1.16.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.1.2 OriginatorInformation <OrgtrlInf>

Presence: [0..1]

Definition: Provides certificates of the originator.

OriginatorInformation <OrgtrlInf> contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		2262

19.1.16.1.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 2334

19.1.16.1.3 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]			2263
	Version <Vrsn>	[0..1]	Quantity		2264
	RecipientIdentification <RcptId>	[1..1]			2264
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2266
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2266
Or	KEK <KEK>	[1..1]			2267
	Version <Vrsn>	[0..1]	Quantity		2267
	KEKIdentification <KEKId>	[1..1]	±		2267
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2267
	Algorithm <Algo>	[1..1]	CodeSet		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2271
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2271

19.1.16.1.3.1 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		2264
	RecipientIdentification <RcptId>	[1..1]			2264
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2266
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2266

19.1.16.1.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.1.3.1.2 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]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266

19.1.16.1.3.1.2.1 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]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrInb>	[1..1]	Binary		2266

19.1.16.1.3.1.2.1.1 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..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266

19.1.16.1.3.1.2.1.1.1 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		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266

19.1.16.1.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2346

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).

19.1.16.1.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2409

19.1.16.1.3.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2334

19.1.16.1.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2333

19.1.16.1.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2281
	Parameter <Param>	[0..1]			2282
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2282
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2282
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2283

19.1.16.1.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2334

19.1.16.1.3.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2267
	KEKIdentification <KEKId>	[1..1]	±		2267
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2267
	Algorithm <Algo>	[1..1]	CodeSet		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2271

19.1.16.1.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.1.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1909 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1909
	KeyVersion <KeyVrsn>	[1..1]	Text		1910
	SequenceNumber <SeqNb>	[0..1]	Quantity		1910
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1910

19.1.16.1.3.2.3 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		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271

19.1.16.1.3.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2340

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.

19.1.16.1.3.2.3.2 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		2270
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271

19.1.16.1.3.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2362

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.

19.1.16.1.3.2.3.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2334

19.1.16.1.3.2.3.2.3 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 2350

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.

19.1.16.1.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2334

19.1.16.1.3.3 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 1909 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[1..1]	Text		1909
	KeyVersion <KeyVrsn>	[1..1]	Text		1910
	SequenceNumber <SeqNb>	[0..1]	Quantity		1910
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1910

19.1.16.1.4 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		2272
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2272
	Algorithm <Algo>	[1..1]	CodeSet		2273
	Parameter <Param>	[0..1]			2275
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276
	EncryptedData <NcrptdData>	[1..1]	Binary		2276

19.1.16.1.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 2358

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).

19.1.16.1.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [0..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnntNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2273
	Parameter <Param>	[0..1]			2275
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276

19.1.16.1.4.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2340

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.

19.1.16.1.4.2.2 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		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276

19.1.16.1.4.2.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2362

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.

19.1.16.1.4.2.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2334

19.1.16.1.4.2.2.3 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 2350

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.

19.1.16.1.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 2333

19.1.16.2 AlgorithmIdentification33

Definition: Identification of a cryptographic algorithm and parameters for digital signatures.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2277
	Parameter <Param>	[0..1]			2279
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2280
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2280
	SaltLength <SaltLngth>	[0..1]	Quantity		2281
	TrailerField <TrlrFld>	[0..1]	Quantity		2281
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2281

19.1.16.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm29Code" on page 2342

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcdsaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcdsaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcdsaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcdsaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcdsaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

19.1.16.2.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the RSASSA-PSS digital signature algorithm (RSA signature algorithm with appendix: Probabilistic Signature Scheme).

Parameter <Param> contains the following **Parameter16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2280
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2280
	SaltLength <SaltLngth>	[0..1]	Quantity		2281
	TrailerField <TrlrFld>	[0..1]	Quantity		2281
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2281

19.1.16.2.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

19.1.16.2.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 2323 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2323
	Parameter <Param>	[0..1]			2323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2323

19.1.16.2.2.3 SaltLength <SaltLngth>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 2406

19.1.16.2.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 2406

19.1.16.2.2.5 OIDCurveName <OIDCrvNm>

Presence: [0..1]

Definition: Name of the Elliptic Curve according to the OID notation.

Datatype: "Max140Text" on page 2409

19.1.16.3 AlgorithmIdentification35

Definition: Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2281
	Parameter <Param>	[0..1]			2282
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2282
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2282
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2283

19.1.16.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 2345

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

19.1.16.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2282
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2282
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2283

19.1.16.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2362

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.

19.1.16.3.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2337

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.

19.1.16.3.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 2323 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2323
	Parameter <Param>	[0..1]			2323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2323

19.1.16.4 CryptographicKey18

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2284
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2284
	Name <Nm>	[0..1]	Text		2285
	SecurityProfile <SctyPrfl>	[0..1]	Text		2285
	ItemNumber <ItmNb>	[0..1]	Text		2285
	Version <Vrsn>	[1..1]	Text		2285
	Type <Tp>	[0..1]	CodeSet		2285
	Function <Fctn>	[0..*]	CodeSet		2286
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2286
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2287
	KeyValue <KeyVal>	[0..1]	±		2287
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2287
	Identification <Id>	[1..1]	Text		2287
	Type <Tp>	[1..1]	CodeSet		2287
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2288
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2288
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2288
	Name <Nm>	[1..1]	Text		2288
	Value <Val>	[0..1]	Text		2289

19.1.16.4.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 2411

19.1.16.4.2 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification of the key.

Usage

For derived unique key per transaction (DUKPT) keys, the key serial number (KSN) with the 21 bits of the transaction counter set to zero.

Datatype: "Max35Binary" on page 2334

19.1.16.4.3 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 2410

19.1.16.4.4 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 2411

19.1.16.4.5 ItemNumber <ItmNb>

Presence: [0..1]

Definition: Hierarchical identification of a key inside all the key system. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

Datatype: "Max35Text" on page 2411

19.1.16.4.6 Version <Vrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 2410

19.1.16.4.7 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType3Code" on page 2359

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal

CodeName	Name	Definition
		Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

19.1.16.4.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 2369

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.

19.1.16.4.9 ActivationDate <ActvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODatetime" on page 2404

19.1.16.4.10 DeactivationDate <DeactvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 2404

19.1.16.4.11 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "ContentInformationType39" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.16.4.12 ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>

Presence: [0..*]

Definition: Identification of components which are allowed to access this cryptographic key.

ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs> contains the following **GenericIdentification186** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2287
	Type <Tp>	[1..1]	CodeSet		2287

19.1.16.4.12.1 Identification <Id>

Presence: [1..1]

Definition: Identification of an element in the system.

Datatype: "Max256Text" on page 2410

19.1.16.4.12.2 Type <Tp>

Presence: [1..1]

Definition: Type of actor in the system.

Datatype: "PartyType7Code" on page 2377

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.

19.1.16.4.13 ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>

Presence: [0..*]

Definition: Protection of Identification of components which are allowed to access this cryptographic key.

ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs> contains the following elements (see "[ContentInformationType39](#)" on page 2304 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.16.4.14 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 2334

19.1.16.4.15 AdditionalManagementInformation <AddtlMgmtInf>

Presence: [0..*]

Definition: Additional Information needed by the receiver to securely process the management of the security element.

AdditionalManagementInformation <AddtlMgmtInf> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2288
	Value <Val>	[0..1]	Text		2289

19.1.16.4.15.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 2413

19.1.16.4.15.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2409

19.1.16.5 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		2290
	Recipient <Rcpt>	[1..*]			2291
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2291
	Version <Vrsn>	[0..1]	Quantity		2292
	RecipientIdentification <RcptId>	[1..1]			2292
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2294
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2294
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2294
Or	KEK <KEK>	[1..1]			2295
	Version <Vrsn>	[0..1]	Quantity		2295
	KEKIdentification <KEKId>	[1..1]	±		2295
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2295
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2299
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2299
	MACAlgorithm <MACAlgo>	[1..1]	±		2300
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2300
	MAC <MAC>	[1..1]	Binary		2300

19.1.16.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.5.2 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]			2291
	Version <Vrsn>	[0..1]	Quantity		2292
	RecipientIdentification <RcptId>	[1..1]			2292
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2294
Or	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2294
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2294
	KEK <KEK>	[1..1]			2295
Or	Version <Vrsn>	[0..1]	Quantity		2295
	KEKIdentification <KEKId>	[1..1]	±		2295
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2295
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2299
	KeyIdentifier <KeyIdr>	[1..1]	±		2299

19.1.16.5.2.1 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		2292
	RecipientIdentification <Rcptld>	[1..1]			2292
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2294
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2294
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2294

19.1.16.5.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.5.2.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2294

19.1.16.5.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrInb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrInb>	[1..1]	Binary		2294

19.1.16.5.2.1.2.1.1 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..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294

19.1.16.5.2.1.2.1.1.1 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		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294

19.1.16.5.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2346

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).

19.1.16.5.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2409

19.1.16.5.2.1.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2334

19.1.16.5.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2333

19.1.16.5.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2281 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2281
	Parameter <Param>	[0..1]			2282
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2282
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2282
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2283

19.1.16.5.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2334

19.1.16.5.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2295
	KEKIdentification <KEKId>	[1..1]	±		2295
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2295
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2299

19.1.16.5.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.5.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1909 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1909
	KeyVersion <KeyVrsn>	[1..1]	Text		1910
	SequenceNumber <SeqNb>	[0..1]	Quantity		1910
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1910

19.1.16.5.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299

19.1.16.5.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2340

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.

19.1.16.5.2.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the encryption algorithm.

Parameter <Param> contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299

19.1.16.5.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2362

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.

19.1.16.5.2.3.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2334

19.1.16.5.2.3.2.3 BytePadding <BPddg>

Presence: [0..1]

Definition: Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

Datatype: "BytePadding1Code" on page 2350

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.

19.1.16.5.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2334

19.1.16.5.2.3 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <Keyldr> contains the following elements (see "KEKIdentifier7" on page 1909 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1909
	KeyVersion <KeyVrsn>	[1..1]	Text		1910
	SequenceNumber <SeqNb>	[0..1]	Quantity		1910
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1910

19.1.16.5.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "[AlgorithmIdentification31](#)" on page 2317 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2317
	Parameter <Param>	[0..1]			2319
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2320
	BytePadding <BPddg>	[0..1]	CodeSet		2320

19.1.16.5.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2102 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2102
	Content <Cntt>	[0..1]	Binary		2103

19.1.16.5.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 2333

19.1.16.6 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		2300
	AuthenticatedData <AuthntcdData>	[0..1]	±		2301
	SignedData <SgndData>	[0..1]	±		2302

19.1.16.6.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2358

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).

19.1.16.6.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2290
	Recipient <Rcpt>	[1..*]			2291
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2291
	Version <Vrsn>	[0..1]	Quantity		2292
	RecipientIdentification <RcptId>	[1..1]			2292
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2294
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2294
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2294
Or	KEK <KEK>	[1..1]			2295
	Version <Vrsn>	[0..1]	Quantity		2295
	KEKIdentification <KEKId>	[1..1]	±		2295
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2295
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2299
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2299
	MACAlgorithm <MACAlgo>	[1..1]	±		2300
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2300
	MAC <MAC>	[1..1]	Binary		2300

19.1.16.6.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 2310 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2310
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2311
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2311
	Certificate <Cert>	[0..*]	Binary		2311
	Signer <Sgnr>	[0..*]			2311
	Version <Vrsn>	[0..1]	Quantity		2312
	SignerIdentification <SgnrId>	[0..1]			2312
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2313
	Issuer <Issr>	[1..1]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2314
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2314
	SignedAttributes <SgndAttrbts>	[0..*]			2315
	Name <Nm>	[1..1]	Text		2315
	Value <Val>	[0..1]	Text		2315
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2315
	Signature <Sgntr>	[1..1]	Binary		2316

19.1.16.7 DigestedData6

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2304
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2304
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2304
	Digest <Dgst>	[1..1]	Binary		2304

19.1.16.7.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.7.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification36" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2316

19.1.16.7.3 EncapsulatedContent <NcpltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpltdCntt> contains the following elements (see "EncapsulatedContent3" on page 2102 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2102
	Content <Cntt>	[0..1]	Binary		2103

19.1.16.7.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 2333

19.1.16.8 ContentInformationType39

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2305
	EnvelopedData <EnvlpdData>	[0..1]	±		2305
	AuthenticatedData <AuthntcdData>	[0..1]	±		2307
	SignedData <SgndData>	[0..1]	±		2308
	DigestedData <DgstdData>	[0..1]	±		2309

19.1.16.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2358

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).

19.1.16.8.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData11" on page 2260 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2262
	OriginatorInformation <OrgtrlInf>	[0..1]			2262
	Certificate <Cert>	[0..*]	Binary		2262
	Recipient <Rcpt>	[1..*]			2262
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2263
	Version <Vrsn>	[0..1]	Quantity		2264
	RecipientIdentification <RcptId>	[1..1]			2264
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2266
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2266
Or	KEK <KEK>	[1..1]			2267
	Version <Vrsn>	[0..1]	Quantity		2267
	KEKIdentification <KEKId>	[1..1]	±		2267
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2267
	Algorithm <Algo>	[1..1]	CodeSet		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2271
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2271
	EncryptedContent <NcrptdCntt>	[0..1]			2272
	ContentType <CnttTp>	[1..1]	CodeSet		2272
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2272

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2273
	Parameter <Param>	[0..1]			2275
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276
	EncryptedData <NcrptdData>	[1..1]	Binary		2276

19.1.16.8.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2290
	Recipient <Rcpt>	[1..*]			2291
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2291
	Version <Vrsn>	[0..1]	Quantity		2292
	RecipientIdentification <RcptId>	[1..1]			2292
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2293
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2293
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2294
	SerialNumber <SrlNb>	[1..1]	Binary		2294
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2294
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2294
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2294
Or	KEK <KEK>	[1..1]			2295
	Version <Vrsn>	[0..1]	Quantity		2295
	KEKIdentification <KEKId>	[1..1]	±		2295
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2295
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2298
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2299
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2299
	MACAlgorithm <MACAlgo>	[1..1]	±		2300
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2300
	MAC <MAC>	[1..1]	Binary		2300

19.1.16.8.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 2310 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2310
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2311
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2311
	Certificate <Cert>	[0..*]	Binary		2311
	Signer <Sgnr>	[0..*]			2311
	Version <Vrsn>	[0..1]	Quantity		2312
	SignerIdentification <SgnrId>	[0..1]			2312
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2313
	Issuer <Issr>	[1..1]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2314
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2314
	SignedAttributes <SgndAttrbts>	[0..*]			2315
	Name <Nm>	[1..1]	Text		2315
	Value <Val>	[0..1]	Text		2315
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2315
	Signature <Sgntr>	[1..1]	Binary		2316

19.1.16.8.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstData> contains the following elements (see "DigestedData6" on page 2303 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2304
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2304
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2304
	Digest <Dgst>	[1..1]	Binary		2304

19.1.16.9 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		2310
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2311
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2311
	Certificate <Cert>	[0..*]	Binary		2311
	Signer <Sgnr>	[0..*]			2311
	Version <Vrsn>	[0..1]	Quantity		2312
	SignerIdentification <SgnrId>	[0..1]			2312
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2313
	Issuer <Issr>	[1..1]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2314
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2314
	SignedAttributes <SgndAttrbts>	[0..*]			2315
	Name <Nm>	[1..1]	Text		2315
	Value <Val>	[0..1]	Text		2315
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2315
	Signature <Sgntr>	[1..1]	Binary		2316

19.1.16.9.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2406

19.1.16.9.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification36](#)" on page 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2316

19.1.16.9.3 EncapsulatedContent <NcpsltdCntt>

Presence: [0..1]

Definition: Data to sign.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2102 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2102
	Content <Cntt>	[0..1]	Binary		2103

19.1.16.9.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "Max5000Binary" on page 2334

19.1.16.9.5 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		2312
	SignerIdentification <SgnrId>	[0..1]			2312
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2313
	Issuer <Issr>	[1..1]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2314
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2314
	SignedAttributes <SgndAttrbts>	[0..*]			2315
	Name <Nm>	[1..1]	Text		2315
	Value <Val>	[0..1]	Text		2315
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2315
	Signature <Sgntr>	[1..1]	Binary		2316

19.1.16.9.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 2406

19.1.16.9.5.2 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]			2313
	Issuer <Issr>	[1..1]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2314

19.1.16.9.5.2.1 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]			2313
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314
	SerialNumber <SrlNb>	[1..1]	Binary		2314

19.1.16.9.5.2.1.1 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..*]			2313
	AttributeType <AttrTp>	[1..1]	CodeSet		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314

19.1.16.9.5.2.1.1.1 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		2314
	AttributeValue <AttrVal>	[1..1]	Text		2314

19.1.16.9.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2346

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).

19.1.16.9.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2409

19.1.16.9.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2334

19.1.16.9.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2333

19.1.16.9.5.3 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 2316 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2316

19.1.16.9.5.4 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		2315
	Value <Val>	[0..1]	Text		2315

19.1.16.9.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 2413

19.1.16.9.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "[Max140Text](#)" on page 2409

19.1.16.9.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "[AlgorithmIdentification33](#)" on page 2276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2277
	Parameter <Param>	[0..1]			2279
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2280
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2280
	SaltLength <SaltLngth>	[0..1]	Quantity		2281
	TrailerField <TrlrFld>	[0..1]	Quantity		2281
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2281

19.1.16.9.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 2334

19.1.16.10 AlgorithmIdentification36

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2316

19.1.16.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2337

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.

19.1.16.11 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		2317
	Parameter <Param>	[0..1]			2319
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2320
	BytePadding <BPddg>	[0..1]	CodeSet		2320

19.1.16.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm27Code" on page 2338

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.

19.1.16.11.2 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		2320
	BytePadding <BPddg>	[0..1]	CodeSet		2320

19.1.16.11.2.1 InitialisationVector <InitIstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2334

19.1.16.11.2.2 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 2350

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.

19.1.16.12 ContentInformationType40

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2320
	EnvelopedData <EnvlpdData>	[1..1]	±		2321

19.1.16.12.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2358

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).

19.1.16.12.2 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 2260 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2262
	OriginatorInformation <OrgtrlInf>	[0..1]			2262
	Certificate <Cert>	[0..*]	Binary		2262
	Recipient <Rcpt>	[1..*]			2262
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2263
	Version <Vrsn>	[0..1]	Quantity		2264
	RecipientIdentification <RcptId>	[1..1]			2264
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2264
	Issuer <Issr>	[1..1]			2265
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2265
	AttributeType <AttrTp>	[1..1]	CodeSet		2265
	AttributeValue <AttrVal>	[1..1]	Text		2266
	SerialNumber <SrlNb>	[1..1]	Binary		2266
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2266
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2266
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2266
Or	KEK <KEK>	[1..1]			2267
	Version <Vrsn>	[0..1]	Quantity		2267
	KEKIdentification <KEKId>	[1..1]	±		2267
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2267
	Algorithm <Algo>	[1..1]	CodeSet		2268
	Parameter <Param>	[0..1]			2270
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2270
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2271
	BytePadding <BPddg>	[0..1]	CodeSet		2271
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2271
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2271
	EncryptedContent <NcrptdCntt>	[0..1]			2272
	ContentType <CnttTp>	[1..1]	CodeSet		2272
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2272

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2273
	Parameter <Param>	[0..1]			2275
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2275
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2276
	BytePadding <BPddg>	[0..1]	CodeSet		2276
	EncryptedData <NcrptdData>	[1..1]	Binary		2276

19.1.16.13 AlgorithmIdentification34

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2323
	Parameter <Param>	[0..1]			2323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2323

19.1.16.13.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2345

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).

19.1.16.13.2 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		2323

19.1.16.13.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm26Code" on page 2337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

19.1.17 Synchronisation

19.1.17.1 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		2324
	MaximumNumber <MaxNb>	[0..1]	Quantity		2325
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2325

19.1.17.1.1 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 2414

19.1.17.1.2 MaximumNumber <MaxNb>

Presence: [0..1]

Definition: Maximum number of retries.

Datatype: "Number" on page 2406

19.1.17.1.3 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2399

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.

19.1.17.2 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		2325
	EndTime <EndTm>	[0..1]	DateTime		2325
	Period <Prd>	[0..1]	Text		2326
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2326

19.1.17.2.1 StartTime <StartTm>

Presence: [0..1]

Definition: Date and time to start the action.

Datatype: "ISODatetime" on page 2404

19.1.17.2.2 EndTime <EndTm>

Presence: [0..1]

Definition: Date and time after which the action cannot be processed.

Datatype: "ISODateTime" on page 2404

19.1.17.2.3 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 2414

19.1.17.2.4 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2399

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.

19.1.18 Token

19.1.18.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2326
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2327
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2327
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2327
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2327
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2327

19.1.18.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2409

19.1.18.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 2408

19.1.18.1.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2408

19.1.18.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2409

19.1.18.1.5 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 2410

19.1.18.1.6 TokenInitiatedIndicator <TknInittdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.18.2 CardPaymentToken5

Definition: Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2328
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2328
	TokenRequestor <TknRqstr>	[0..1]			2328
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2329
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2329

19.1.18.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 2415

19.1.18.2.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a payment token inside a set of cards with the same PAN.

Datatype: "Min2Max3NumericText" on page 2414

19.1.18.2.3 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 2408

19.1.18.2.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2411

19.1.18.2.5 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		2329
	RequestorIdentification <RqstrId>	[1..1]	Text		2329

19.1.18.2.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2411

19.1.18.2.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2411

19.1.18.2.6 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 2406

19.1.18.2.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2334

19.1.18.2.8 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 2410

19.1.18.2.9 TokenInitiatedIndicator <TknInittIdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.1.18.3 MerchantToken2

Definition: Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2330
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2330
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2330
	TokenRequestor <TknRqstr>	[0..1]			2330
	ProviderIdentification <PrvdrId>	[1..1]	Text		2331
	RequestorIdentification <RqstrId>	[1..1]	Text		2331
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2331
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2331
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2331
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2331

19.1.18.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 2411

19.1.18.3.2 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 2408

19.1.18.3.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2411

19.1.18.3.4 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		2331
	RequestorIdentification <RqstrId>	[1..1]	Text		2331

19.1.18.3.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2411

19.1.18.3.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2411

19.1.18.3.5 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 2406

19.1.18.3.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2334

19.1.18.3.7 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 2410

19.1.18.3.8 TokenInitiatedIndicator <TknInittIdnd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2406):

- *Meaning When True:* True
- *Meaning When False:* False

19.2 Message Datatypes

19.2.1 Amount

19.2.1.1 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 2336

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.

19.2.1.2 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

19.2.2 Binary

19.2.2.1 Max10000Binary

Definition: Specifies a binary string with a maximum length of 10000 binary bytes.

Type: Binary

Format

minLength	1
-----------	---

maxLength	10000
-----------	-------

19.2.2.2 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format

minLength	1
maxLength	102400

19.2.2.3 Max10KBinary

Definition: Binary data of 10K maximum.

Type: Binary

Format

minLength	1
maxLength	10240

19.2.2.4 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format

minLength	1
maxLength	140

19.2.2.5 Max2KBinary

Definition: Binary data of 2K maximum.

Type: Binary

Format

minLength	1
maxLength	2048

19.2.2.6 Max2MBBinary

Definition: Binary data of 2MB maximum.

Type: Binary

Format

minLength	1
-----------	---

maxLength	2097152
-----------	---------

19.2.2.7 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	3000

19.2.2.8 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.

Type: Binary

Format

minLength	1
maxLength	35

19.2.2.9 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	5000

19.2.2.10 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format

minLength	1
maxLength	500

19.2.2.11 Min1Max256Binary

Definition: Specifies a binary string with a minimum length of 1 byte, and a maximum length of 256 bytes.

Type: Binary

Format

minLength	1
maxLength	256

19.2.3 CodeSet

19.2.3.1 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.
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.

CodeName	Name	Definition
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.

19.2.3.2 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.

19.2.3.3 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.

19.2.3.4 AddressType2Code

Definition: Specifies the type of address.

Type: CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

19.2.3.5 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).
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).

CodeName	Name	Definition
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.

19.2.3.6 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.
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

CodeName	Name	Definition
		cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
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

CodeName	Name	Definition
		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.

19.2.3.7 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.

CodeName	Name	Definition
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing

CodeName	Name	Definition
		Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

19.2.3.8 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 -

CodeName	Name	Definition
		(ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
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.

CodeName	Name	Definition
EF22	EcfdsdaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
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.

CodeName	Name	Definition
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.

19.2.3.9 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSASignature	RSA signature algorithm - (ASN.1 Object Identifier: rsaSignature).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

19.2.3.10 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).

19.2.3.11 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.

19.2.3.12 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.

19.2.3.13 AttendanceContext2Code

Definition: Identify the method of delivery or distribution.

Type: CodeSet

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

19.2.3.14 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).

CodeName	Name	Definition
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

19.2.3.15 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.

19.2.3.16 AuthenticationMethod6Code

Definition: Methods used to authenticate a person or a card.

Type: CodeSet

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for

CodeName	Name	Definition
		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.

19.2.3.17 AuthenticationMethod8Code

Definition: Method to authenticate the customer or its card.

Type: CodeSet

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
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.

19.2.3.18 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.

19.2.3.19 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.

19.2.3.20 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.

19.2.3.21 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.

19.2.3.22 CardAccountType3Code

Definition: Type of cardholder account used for the transaction.

Type: CodeSet

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.

CodeName	Name	Definition
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

19.2.3.23 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.

19.2.3.24 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

CodeName	Name	Definition
		(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.)

19.2.3.25 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.

19.2.3.26 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).

CodeName	Name	Definition
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.

19.2.3.27 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.

19.2.3.28 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.

CodeName	Name	Definition
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

19.2.3.29 CardPaymentServiceType13Code

Definition: Additional attribute of the service type.

Type: CodeSet

CodeName	Name	Definition
CRDP	CardPayment	Card payment.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
IRES	InitialReservation	Initial reservation.
DEFR	DeferredPayment	Deferred payment.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
RECP	RecurringPayment	Recurring payment.
INSP	Instalment	Instalment payment.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
RFND	Refund	Refund transaction.
VCAU	VoiceAuthorisation	Voice authorisation.

19.2.3.30 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.
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.

19.2.3.31 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.

CodeName	Name	Definition
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

19.2.3.32 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.

19.2.3.33 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.

CodeName	Name	Definition
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

19.2.3.34 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.

19.2.3.35 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).

19.2.3.36 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).

19.2.3.37 CryptographicKeyType3Code

Definition: Codes for qualifying the type of cryptographic keys.

Type: CodeSet

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

19.2.3.38 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.

CodeName	Name	Definition
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.

19.2.3.39 CustomerOrderRequest1Code

Definition: Type of customer orders that must be sent in response message.

Type: CodeSet

CodeName	Name	Definition
BOTH	Both	All types of CustomerOrder should be listed, some are open others closed.
CLSD	Closed	Completed customer orders.
OPEN	Open	Customer order not completed.

19.2.3.40 DataSetCategory20Code

Definition: Category of data set.

Type: CodeSet

CodeName	Name	Definition
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
APPR	ApplicationParameters	Payment application specific configuration parameters for the point of interaction (POI) system.
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.
DLGT	DelegationData	Data needed to create a terminal management sub-domain.
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
SCPR	SecurityParameters	Point of interaction parameters related to the security of software application and application protocol.
SWPK	SoftwareModule	Software module.
STRP	StatusReport	Report of software configuration and parameter status.

CodeName	Name	Definition
TRPR	TerminalParameters	Point of interaction parameters attached to the terminal as serial number or physical capabilities.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
PARA	Parameters	Any combination of configuration parameters for the point of interaction (POI).
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
CRTF	CertificateParameters	Certificate provided by a terminal manager.
LOGF	LogFile	Any repository used for recording log traces.
CMRQ	CertificateManagementRequest	Trigger for CertificateManagementRequest.
MDFL	MediaFile	Media file managed by an application of the POI.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
SPRP	ServiceProviderParameters	Service Provider specific parameters for the point of interaction (POI) system.
PROB	Probe	Probe used to monitor a feature on the POI.

19.2.3.41 DocumentType7Code

Definition: Specifies a type of financial or commercial document.

Type: CodeSet

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment

CodeName	Name	Definition
		instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

19.2.3.42 EncryptionFormat2Code

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Type: CodeSet

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

19.2.3.43 EventToNotify2Code

Definition: Event the POI notifies to the Sale System.

Type: CodeSet

CodeName	Name	Definition
ABRT	Abort	One or several device request has been sent by the POI during the processing of a service requested by the Sale System. The processing is cancelled by the Customer or stopped by the POI. If the device response is not received by the POI, an event is sent to inform the Sale to abort internally these device requests.
MAIB	BeginMaintenance	Begin of POI Maintenance.
CRDI	CardInserted	A card is inserted in the card reader (see Input request and NotifyCardInputFlag).
COMP	Completed	An Abort request has been sent to abort a message which is already completed.
CRDR	CardRemoved	A card is removed from the card reader.
CUSL	CustomerLanguage	The customer has selected a different language on the POI.
MAIE	EndMaintenance	End of POI Maintenance.
INIT	Initialised	The POI Terminal or the POI System is now ready to work.
KEYP	KeyPressed	The customer has pressed a specific key on the POI.
MAIR	MaintenanceRequired	Maintenance required by the POI.
OODR	OutOfOrder	The POI Terminal or the POI System cannot work.

CodeName	Name	Definition
SADM	SaleAdmin	The POI has performed, or want to perform an automatic administrative process, e.g. the reports at the end of day.
SWUP	SaleWakeUp	A POI terminal requests the payment of the transaction identified by the content of EventDetails in the Event notification.
SECA	SecurityAlarm	Problem of security.
SHUT	Shutdown	The POI Terminal or the POI System is shutting down.
SASS	StopAssistance	When the Customer assistance is stopped, because the Customer has completed its input.
DISC	Disconnected	A disconnection occurred.
CNTN	Connected	Connection has been set up.
TNOK	TransactionApproved	Transaction has been processed and approved by the POI.
TNKO	TransactionDeclined	Transaction has been processed but has been declined.

19.2.3.44 Exemption1Code

Definition: Strong customer authentication exemption.

Type: CodeSet

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

19.2.3.45 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

19.2.3.46 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

19.2.3.47 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

19.2.3.48 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

19.2.3.49 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

19.2.3.50 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

19.2.3.51 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

19.2.3.52 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

19.2.3.53 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.

19.2.3.54 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.

19.2.3.55 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.

19.2.3.56 InputCommand1Code

Definition: Type of requested input

Type: CodeSet

CodeName	Name	Definition
DCSG	DecimalString	Wait for a string of digit characters with a decimal point, the length range could be specified.
DGSG	DigitString	Wait for a string of digit characters.
GAKY	GetAnyKey	Wait for a key pressed on the Terminal, to be able to read the message displayed on the Terminal.
GCNF	GetConfirmation	Wait for a confirmation Yes (Y) or No (N) on the Sale System. Wait for a confirmation (Valid or Cancel button) on

CodeName	Name	Definition
		the POI Terminal. The result of the command is a Boolean: True or False.
GFKY	GetFunctionKey	Wait for a function key pressed on the Terminal: From POI, Valid, Clear, Correct, Generic Function key number. From Sale, Generic Function key.
GMNE	GetMenuEntry	To choose an entry among a list of entries (all of them are not necessary selectable). The OutputFormat has to be MenuEntry.
PSWD	Password	Request to enter a password with masked characters while typing the password.
SITE	SiteManager	Wait for a confirmation Yes (Y) or No (N) of the Site Manager on the Sale System.
TXSG	TextString	Wait for a string of alphanumeric characters.
HTML	XHTMLText	Wait for a XHTML data.
SIGN	Signature	Request to wait for signature.

19.2.3.57 InstalmentAmountDetailsType1Code

Definition: Contains the details of the grace period applicable to the instalment.

Type: CodeSet

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

19.2.3.58 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

19.2.3.59 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.

19.2.3.60 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

19.2.3.61 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}

19.2.3.62 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.

CodeName	Name	Definition
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.

19.2.3.63 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

19.2.3.64 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.

19.2.3.65 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.

19.2.3.66 LoyaltyHandling1Code

Definition: Possible types of Loyalty processing.

Type: CodeSet

CodeName	Name	Definition
ALLO	Allowed	The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card).
DENY	Forbidden	No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.
PRCS	Processed	The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.
PROP	Proposed	The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.
REQU	Required	The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.

19.2.3.67 LoyaltyTransactionType1Code

Definition: Type of loyalty transaction.

Type: CodeSet

CodeName	Name	Definition
AWRD	Award	Direct or payment related award on a loyalty account. Award alone, award associated to a payment (may be with an

CodeName	Name	Definition
		additional award alone), award because of a payment resulting on rebates.
AWRR	AwardRefund	Refund of a loyalty award transaction.
REBR	RebateRefund	Refund of a loyalty rebate transaction.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
REDR	RedemptionRefund	Refund of a loyalty redemption transaction.

19.2.3.68 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.

19.2.3.69 MemoryUnit1Code

Definition: Unit of the memory size.

Type: CodeSet

CodeName	Name	Definition
BYTE	Byte	Byte.
EXAB	ExaByte	Exa byte.
GIGA	GigaByte	Giga byte.
KILO	KiloByte	Kilo byte.
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

19.2.3.70 NamePrefix2Code

Definition: Specifies the terms used to formally address a person.

Type: CodeSet

CodeName	Name	Definition
DOCT	Doctor	Title of the person is Doctor or Dr.
MADM	Madam	Title of the person is Madam.
MISS	Miss	Title of the person is Miss.
MIST	Mister	Title of the person is Mister or Mr.
MIKS	GenderNeutral	Title of the person is gender neutral (Mx).

19.2.3.71 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).

19.2.3.72 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.

19.2.3.73 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.

CodeName	Name	Definition
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

19.2.3.74 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.

19.2.3.75 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.

19.2.3.76 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.

19.2.3.77 PartyType14Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

19.2.3.78 PartyType33Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.

CodeName	Name	Definition
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	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.

19.2.3.79 PartyType3Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

19.2.3.80 PartyType4Code

Definition: Entity assigning an identification (for example merchant, acceptor, acquirer, tax authority, etc.).

Type: CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

19.2.3.81 PartyType7Code

Definition: Party that communicate with a POI component (Point of Interaction), using a communication device.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

19.2.3.82 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.

CodeName	Name	Definition
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.

19.2.3.83 PINFormat3Code

Definition: PIN (Personal Identification Number) format used before encryption.

Type: CodeSet

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

19.2.3.84 PINRequestType1Code

Definition: Type of PIN Service.

Type: CodeSet

CodeName	Name	Definition
PIAE	PINAcquisitionEncryption	The cardholder enters the PIN, the POI enciphers the PIN Block and provides it as a result to the Sale System.
PIAV	PINAcquisitionVerification	The Cardholder enters the PIN and the POI verifies it.
PIVO	PINVerifyOnly	The Sale System send a previous keyed PIN and the POI verifies it.

19.2.3.85 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.

CodeName	Name	Definition
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

19.2.3.86 POICommunicationType2Code

Definition: Low level communication of the hardware or software component toward another component or an external entity.

Type: CodeSet

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

19.2.3.87 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.

CodeName	Name	Definition
CERT	Certification	Certification number delivered by a certification body.
EVAL	Evaluation	Evaluation by a lab or a tool.

19.2.3.88 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.

19.2.3.89 POIComponentType7Code

Definition: Type of component belonging to a POI (Point of Interaction) Terminal.

Type: CodeSet

CodeName	Name	Definition
AQPP	AcquirerProtocolParameters	Parameters for acquirer interface of the point of interaction, including acquirer host configuration parameters.
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.

CodeName	Name	Definition
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.

19.2.3.90 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.

19.2.3.91 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.

19.2.3.92 ProcessingPosition2Code

Definition: Specifies the processing position.

Type: CodeSet

CodeName	Name	Definition
AFTE	After	Specifies that the transaction/instruction is to be executed after the linked transaction/instruction.
WITH	With	Specifies that the transaction/instruction is to be executed with the linked transaction/instruction.
BEFO	Before	Specifies that the transaction/instruction is to be executed before the linked transaction/instruction.
INFO	Information	Specifies that the transactions/instructions are linked for information purposes only.

19.2.3.93 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.

19.2.3.94 QRCodeErrorCorrection1Code

Definition: Error Correction mode of Quick Response Code.

Type: CodeSet

CodeName	Name	Definition
M015	ErrorCorrection15Percent	Reed-Solomon error correction 15%
Q025	ErrorCorrection25Percent	Reed-Solomon error correction 25%
H030	ErrorCorrection30Percent	Reed-Solomon error correction 30%
L007	ErrorCorrection7Percent	Reed-Solomon error correction 7%

19.2.3.95 ReconciliationType1Code

Definition: Type of Reconciliation requested by the Sale to the POI.

Type: CodeSet

CodeName	Name	Definition
AREC	AcquirerReconciliation	Reconciliation between the POI and one or several Acquirers only. There is no reconciliation between the Sale System and the POI System.
ASYN	AcquirerSynchronisation	Reconciliation and closure of the current period, with synchronisation of the reconciliation between the POI and Acquirers.
PREC	PreviousReconciliation	Request result of a previous reconciliation.
SREC	SaleReconciliation	Reconciliation with closure of the current period, without any Acquirers synchronisation.

19.2.3.96 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.

19.2.3.97 ResourceAction1Code

Definition: Type of action to perform on a media resource.

Type: CodeSet

CodeName	Name	Definition
PAUS	Pause	Pause the media resource in progress as specified in the message.
STAS	Play	Start the media resource as specified in the message.
LOOP	PlayInLoop	Play in a loop the media resource as specified in the message.
RESU	Resume	Resume the progress of the media resource as specified in the message.
DVOL	SetDefaultVolume	Set the default volume of sounds.
STOS	Stop	Stop the media resource in progress.

19.2.3.98 ResourceType1Code

Definition: Type of resource.

Type: CodeSet

CodeName	Name	Definition
TEXT	TextToSpeech	Voice synthesis.
URLI	UniformResourceIdentifier	String of characters that unambiguously identifies a particular resource.

19.2.3.99 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.

19.2.3.100 Response9Code

Definition: Result of the performed service.

Type: CodeSet

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.

CodeName	Name	Definition
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

19.2.3.101 ResponseMode2Code

Definition: Message response awaited by the initiator of the Request.

Type: CodeSet

CodeName	Name	Definition
SEND	EndOfPlay	The Response is required at the end of play.
IMMD	Immediate	The Message Response is immediate, after taking into account the request.
NREQ	NotRequired	The Message Response is not required, except in case of error.
PEND	PrintEnd	The Print Response is required at the end of print.

19.2.3.102 RetailerMessage1Code

Definition: Identifies the type of process related to the message.

Type: CodeSet

CodeName	Name	Definition
SSAB	Abort	Abort the current process or the last request.
SAAQ	AdminRequest	To select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
SAAP	AdminResponse	Response to the Admin request.
SDDR	DeviceRequest	Request one or several functions of the device, from user Interface or payment peripherals on the POI system or on the Sale system. Functions can be Display, Input, Print, play sound, Card reader capabilities or Transmit a message.
SDDP	DeviceResponse	Response to a Device request.
SSEN	EventNotification	Notify the other party of an event that occurs on its side.
SSMQ	MessageStatusRequest	Request the status of a previous message for which the Sale system has no response.

CodeName	Name	Definition
SSMR	MessageStatusResponse	Response to a Message Status request.
SSRJ	Rejection	Reject a previous received message, for technical or functional reasons.
SARQ	ReportRequest	To request, by the Sale System, a report on a list of transactions on the POI system, or the status of a transaction.
SARP	ReportResponse	Response to a Report request.
SFRP	SaleFinancialReconciliationResponse	Response to a Reconciliation Request.
SFRQ	SaleFinancialReconciliationRequest	Request a reconciliation (different types) between Sale System and POI System.
SFSQ	SaleFinancialServiceRequest	Request a financial service like payment, reversal, loyalty, Balance Inquiry, etc.
SFSP	SaleFinancialServiceResponse	Response to a financial service request.
SASQ	SessionManagementRequest	Request the management of a session: login, logout and diagnosis services. Initiated by the Sale system.
SASP	SessionManagementResponse	Response to a session management request to initiate/terminate a session.

19.2.3.103 RetailerResultDetail1Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).

CodeName	Name	Definition
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

19.2.3.104 RetailerService1Code

Definition: List of Retail services available and used in the Retail messages. Helps to know which service to activate.

Type: CodeSet

CodeName	Name	Definition
DCAQ	DeviceSendApplicationProtocolDataUnitCardReaderRequest	A service to send commands to a card.
ADAQ	AdministrativeAdminRequest	An administrative request, to select and start customised administrative services provided by the POI, using a "menu" for an interactive or software interface, initiated by the Sale system.
ADAP	AdministrativeAdminResponse	The POI System responds to an administrative request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.

CodeName	Name	Definition
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
SMDQ	AdministrativeSessionManagementDiagnosisRequest	The Sale System requests a session diagnosis to the POI System.
SMDP	AdministrativeSessionManagementDiagnosisResponse	The POI System responds to a diagnosis request.
SMIQ	AdministrativeSessionManagementLoginRequest	The Sale System requests a login to the POI System.
SMIP	AdministrativeSessionManagementLoginResponse	The POI System responds to a login request.
SMOQ	AdministrativeSessionManagementLogoutRequest	The Sale System requests a logout to the POI System.
SMOP	AdministrativeSessionManagementLogoutResponse	The POI System responds to a logout request.
DDYQ	DeviceDisplayRequest	One System requests the other to display a message for cashier or customer.
DDYP	DeviceDisplayResponse	One system responds to the other system for a display request.
DCIQ	DeviceInitialisationCardReaderRequest	Service to send parameters to use when card reader initializes a new communication with the card.
DCIP	DeviceInitialisationCardReaderResponse	The POI system responds to the Sale System for a card reader initialisation.
DINO	DeviceInputNotification	One system sends a notification to the POI System to update a input request.
DINQ	DeviceInputRequest	One system requests to the other System to get data input.
DINP	DeviceInputResponse	One system responds to the other System for a input request.
DSOQ	DevicePlaySoundRequest	One system requests to the Other System to play a sound.
DSOP	DevicePlaySoundResponse	One system responds to the other System for a play sound request.
DCPQ	DevicePowerOffCardReaderRequest	The Sale system requests to the POI System to power off the card reader.
DCPP	DevicePowerOffCardRequestResponse	The POI system responds to the Sale System for a card reader power off.
DPRQ	DevicePrintRequest	One system requests to the other System to print data.
DPRP	DevicePrintResponse	One system responds to the other System for a print request.
DSIQ	DeviceSecureInputRequest	One system requests to the Other System to securely get data input (e.g. for PIN).

CodeName	Name	Definition
DSIP	DeviceSecureInputResponse	One system responds to the other System for secure data input.
DCAP	DeviceSendApplicationProtocolDataUnitCardReaderResponse	The POI system responds to the Sale System for a card reader Application Protocol Data Unit sending.
DCOQ	DeviceTransmissionMessageRequest	The Sale system requests to the POI System to transmit a message (for instance to a mobile server).
DCOP	DeviceTransmissionMessageResponse	The POI system responds to the Sale System after a message transmission.
FSIQ	FinancialBalanceInquiryRequest	The Sale System requests to the POI System to perform balance inquiry on the main account.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBQ	FinancialBatchRequest	The Batch message pair is used to request or get the result of transactions (payment, loyalty and reversal) performed without connection to the Sale system (Payment delivery).
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSAQ	FinancialCardAcquisitionRequest	The Sale System requests to the POI System to handle a card data acquisition on the card reader.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSLQ	FinancialLoyaltyRequest	The Sale System requests to the POI System a loyalty service like loading or redeem.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSPQ	FinancialPaymentRequest	The Sale System requests to the POI System to perform a payment(Purchase/Refund/PWCB/MOTO Payment/...).
FSPP	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSCQ	FinancialReconciliationRequest	The Sale System request to the POI System different kinds of transaction reconciliation.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.
FSRQ	FinancialReversalRequest	The Sale System requests to the POI System to perform a reversal partial or

CodeName	Name	Definition
		complete to cancel a former payment service.
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSVQ	FinancialStoredValueRequest	The Sale System requests to the POI System to manage a stored value card or account (eg. Load, Payment, Reimbursement).
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
SSAB	SystemAbort	Abort a former request or message by the sale system.
SSEN	SystemEventNotification	Send an Event notification to the other party.
SSRR	SystemMessageRejection	Send a rejection for a previous message.
SSSQ	SystemMessageStatusRequest	The Sale System requests to the POI System the status of a previous transaction.
SSSP	SystemMessageStatusResponse	The POI System responds to a message status request.

19.2.3.105 RetailerService2Code

Definition: List of specific services for ServiceRequest

Type: CodeSet

CodeName	Name	Definition
FSPQ	FinancialPaymentRequest	The Sale System requests to the POI System to perform a payment(Purchase/Refund/PWCB/MOTO Payment/...).
FSRQ	FinancialReversalRequest	The Sale System requests to the POI System to perform a reversal partial or complete to cancel a former payment service.
FSIQ	FinancialBalanceInquiryRequest	The Sale System requests to the POI System to perform balance inquiry on the main account.
FSBQ	FinancialBatchRequest	The Batch message pair is used to request or get the result of transactions (payment, loyalty and reversal) performed without connection to the Sale system (Payment delivery).
FSLQ	FinancialLoyaltyRequest	The Sale System requests to the POI System a loyalty service like loading or redeem.
FSVQ	FinancialStoredValueRequest	The Sale System requests to the POI System to manage a stored value card or account (eg. Load, Payment, Reimbursement).

CodeName	Name	Definition
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.
FSAQ	FinancialCardAcquisitionRequest	The Sale System requests to the POI System to handle a card data acquisition on the card reader.
FSCQ	FinancialReconciliationRequest	The Sale System request to the POI System different kinds of transaction reconciliation.

19.2.3.106 RetailerService3Code

Definition: List of specific services for ServiceResponse.

Type: CodeSet

CodeName	Name	Definition
FSPF	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.

19.2.3.107 RetailerService4Code

Definition: List of specific services for SessionManagementRequest.

Type: CodeSet

CodeName	Name	Definition
SMIQ	AdministrativeSessionManagementLoginRequest	The Sale System requests a login to the POI System.
SMOQ	AdministrativeSessionManagementLogoutRequest	The Sale System requests a logout to the POI System.
SMDQ	AdministrativeSessionManagementDiagnosisRequest	The Sale System requests a session diagnosis to the POI System.

19.2.3.108 RetailerService5Code

Definition: List of specific services for SessionManagementResponse.

Type: CodeSet

CodeName	Name	Definition
SMIP	AdministrativeSessionManagementLoginResponse	The POI System responds to a login request.
SMOP	AdministrativeSessionManagementLogoutResponse	The POI System responds to a logout request.
SMDP	AdministrativeSessionManagementDiagnosisResponse	The POI System responds to a diagnosis request.

19.2.3.109 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.

19.2.3.110 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.

19.2.3.111 RetailerService8Code

Definition: List of specific services for DeviceRequest.

Type: CodeSet

CodeName	Name	Definition
DDYQ	DeviceDisplayRequest	One System requests the other to display a message for cashier or customer.
DINQ	DeviceInputRequest	One system requests to the other System to get data input.
DPRQ	DevicePrintRequest	One system requests to the other System to print data.
DSOQ	DevicePlaySoundRequest	One system requests to the Other System to play a sound.

CodeName	Name	Definition
DSIQ	DeviceSecureInputRequest	One system requests to the Other System to securely get data input (e.g. for PIN).
DCIQ	DeviceInitialisationCardReaderRequest	Service to send parameters to use when card reader initializes a new communication with the card.
DCAQ	DeviceSendApplicationProtocolDataUnitCardReaderRequest	A service to send commands to a card.
DCPQ	DevicePowerOffCardReaderRequest	The Sale system requests to the POI System to power off the card reader.
DCOQ	DeviceTransmissionMessageRequest	The Sale system requests to the POI System to transmit a message (for instance to a mobile server).
DINO	DeviceInputNotification	One system sends a notification to the POI System to update a input request.

19.2.3.112 RetailerService9Code

Definition: List of specific services for DeviceResponse.

Type: CodeSet

CodeName	Name	Definition
DDYP	DeviceDisplayResponse	One system responds to the other system for a display request.
DINP	DeviceInputResponse	One system responds to the other System for a input request.
DPRP	DevicePrintResponse	One system responds to the other System for a print request.
DSOP	DevicePlaySoundResponse	One system responds to the other System for a play sound request.
DSIP	DeviceSecureInputResponse	One system responds to the other System for secure data input.
DCIP	DeviceInitialisationCardReaderResponse	The POI system responds to the Sale System for a card reader initialisation.
DCAP	DeviceSendApplicationProtocolDataUnitCardReaderResponse	The POI system responds to the Sale System for a card reader Application Protocol Data Unit sending.
DCPP	DevicePowerOffCardRequestResponse	The POI system responds to the Sale System for a card reader power off.
DCOP	DeviceTransmissionMessageResponse	The POI system responds to the Sale System after a message transmission.

19.2.3.113 ReversalReason1Code

Definition: Reason of the payment or loyalty reversal.

Type: CodeSet

CodeName	Name	Definition
CUSC	CustomerCancellation	Customer cancels the transaction.
MALF	Malfunction	Reversal after a suspicion of malfunction of the POI system.
MERC	MerchantCancellation	Merchant or Cashier cancels the transaction.
UNAB	UnableToComplete	POI System unable to complete transaction.

19.2.3.114 SaleCapabilities1Code

Definition: Hardware capabilities of the Sale Terminal.

Type: CodeSet

CodeName	Name	Definition
CHDI	CashierDisplay	Standard Cashier display interface (to ask question, or to show information).
CHER	CashierError	To display to the Cashier information related to an error situation occurring on the POI.
CHIN	CashierInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).

CodeName	Name	Definition
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

19.2.3.115 SaleCapabilities2Code

Definition: Type of the Logical device located on a Sale Terminal or a POI Terminal, in term of class of information to output (display, print or store), or input (keyboard) for the Cashier

or the Customer.

Type: CodeSet

CodeName	Name	Definition
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.
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).

19.2.3.116 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.

19.2.3.117 SoundFormat1Code

Definition: Type of sound to play.

Type: CodeSet

CodeName	Name	Definition
MSGR	MessageRef	Reference of a preloaded text to play.
SNDR	SoundRef	Preloaded sound File.
TEXT	Text	Text to play.

19.2.3.118 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.

19.2.3.119 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.

19.2.3.120 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.

19.2.3.121 TerminalManagementAction5Code

Definition: Types of terminal management action to be performed by a point of interaction.

Type: CodeSet

CodeName	Name	Definition
DCTV	Deactivate	Request to deactivate the element identified inside the message exchange.
DELT	Delete	Request to delete the element identified inside the message exchange.
DWNL	Download	Request to download the element identified inside the message exchange.
INST	Install	Request to install the element identified inside the message exchange.
RSTR	Restart	Request to restart the element identified inside the message exchange.
UPLD	Upload	Request to upload the element identified inside the message exchange.
UPDT	Update	Request to update the element identified inside the message exchange.
BIND	Bind	Request sent to a POI to bind with a server.
RBND	Rebind	Request sent to a POI to rebind with a server.
UBND	Unbind	Request sent to a POI to unbind with a server.
ACTV	Activate	Request to activate the element identified inside the message exchange.

CodeName	Name	Definition
DEVR	DeviceRequest	Request to execute a device request.

19.2.3.122 TerminalManagementActionResult5Code

Definition: Final result of the processed terminal management action.

Type: CodeSet

CodeName	Name	Definition
ACCD	AccessDenied	Access is denied while performing the action.
CNTE	ConnectionError	Problem to connect while performing the action.
FMTE	FormatError	Data transferred has a wrong format.
INVC	InvalidContent	Content of the data is invalid.
LENE	LengthError	Data transferred has a wrong length.
OVER	MemoryOverflow	Memory to store the date exceeded.
MISS	MissingFile	Data set to be maintained is missing.
NSUP	NotSupported	Action is not supported.
SIGE	SignatureError	Data transferred has a wrong digital signature.
WARN	SuccessWithWarning	Action was performed but some warnings arose.
SYNE	SyntaxError	Data transferred has a wrong syntax.
TIMO	Timeout	Timeout expired during the data transfer.
UKDT	UnknownData	Data set identification invalid.
UKRF	UnknownKeyReference	Cryptographic key reference used for the data signature is not valid.
INDP	InvalidDelegationProof	Delegation Proof transmitted by the delegated TMS is not the one expected.
IDMP	InvalidDelegationInManagementPlan	One action of the AcceptorManagementPlan refers to an update unauthorized by the delegation.
DPRU	DelegationParametersReceivedUnauthorized	The content analysis of the AcceptorConfigurationUpdate reveals unexpected parameters.
AERR	AnyError	This code value means all TerminalManagementActionResultCode except "Any Error" and "Unlisted Error".
CMER	CommunicationError	Error in communication once the connection has been established.
ULER	UnlistedError	Any error that is not defined by a code value inside the TerminalManagementActionResultCode.
SUCC	Success	Action was successfully performed.

19.2.3.123 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.

19.2.3.124 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.

19.2.3.125 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.

19.2.3.126 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.

19.2.3.127 TransactionAction1Code

Definition: Action to realise on a transaction.

Type: CodeSet

CodeName	Name	Definition
STAR	StartTransaction	Start a transaction by a swipe ahead mechanism, with the services which are enabled.
STOP	Stop	Keep quite after a swipe ahead mechanism.

19.2.3.128 TransactionChannel5Code

Definition: Identifies the type of the communication channels used by the cardholder to the acceptor system.

Type: CodeSet

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

19.2.3.129 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.

19.2.3.130 TypeOfAmount8Code

Definition: Qualifies the amount associated with the transaction.

Type: CodeSet

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESD	Reserved	Reserved or updated reserved amount for reservation.

19.2.3.131 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.

19.2.3.132 UnitOfMeasure6Code

Definition: Unit of measure of the item purchased.

Type: CodeSet

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.

CodeName	Name	Definition
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

19.2.3.133 UserInterface4Code

Definition: Destination of the message.

Type: CodeSet

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

19.2.3.134 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.

19.2.4 Date

19.2.4.1 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

19.2.5 DateTime

19.2.5.1 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

19.2.6 IdentifierSet

19.2.6.1 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.

19.2.6.2 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.

19.2.6.3 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}

19.2.7 Indicator

19.2.7.1 PlusOrMinusIndicator

Definition: Indicates a positive or negative value.

Type: Indicator

Meaning When True: Plus

Meaning When False: Minus

19.2.7.2 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

19.2.8 Quantity

19.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits	18
fractionDigits	17

19.2.8.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
fractionDigits	0

19.2.8.3 PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	18
fractionDigits	0

19.2.9 Rate

19.2.9.1 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

19.2.9.2 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

19.2.10 Text

19.2.10.1 Exact3AlphaNumericText

Definition: Specifies an alphanumeric string with a length of exact 3 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{3}
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19.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern	[0-9]{3}
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19.2.10.3 Exact4AlphaNumericText

Definition: Specifies an alphanumeric string with a length of 4 characters.

Type: Text

Format	
pattern	[a-zA-Z0-9]{4}

19.2.10.4 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.
Type: Text

Format	
pattern	[0-9]{4}

19.2.10.5 Max1025Text

Definition: Specifies a character string with a maximum length of 1025 characters.
Type: Text

Format	
minLength	1
maxLength	1025

19.2.10.6 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.
Type: Text

Format	
minLength	1
maxLength	104

19.2.10.7 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.
Type: Text

Format	
minLength	1
maxLength	10

19.2.10.8 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.
Type: Text

Format	
pattern	[0-9]{1,11}

19.2.10.9 Max128Text

Definition: Specifies a character string with a maximum length of 128 characters.

Type: Text

Format

minLength	1
maxLength	128

19.2.10.10 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

19.2.10.11 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.

Type: Text

Format

pattern	[0-9]{1,15}
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19.2.10.12 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

19.2.10.13 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern	[0-9]{1,19}
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19.2.10.14 Max20000Text

Definition: Specifies a character string with a maximum length of 20, 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

19.2.10.15 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

19.2.10.16 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

19.2.10.17 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}
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19.2.10.18 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30
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19.2.10.19 Max34Text

Definition: Specifies a character string with a maximum length of 34 characters.

Type: Text

Format

minLength	1
maxLength	34

19.2.10.20 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

19.2.10.21 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.

Type: Text

Format

pattern	[0-9]{1,35}
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19.2.10.22 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
maxLength	35

19.2.10.23 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

19.2.10.24 Max3NumericText

Definition: Specifies a numeric string with a maximum length of 3 digits.

Type: Text

Format	
pattern	[0-9]{1,3}

19.2.10.25 Max3Text

Definition: Specifies a character string with a maximum length of 3 characters.
Type: Text

Format	
minLength	1
maxLength	3

19.2.10.26 Max45Text

Definition: Specifies a character string with a maximum length of 45 characters.
Type: Text

Format	
minLength	1
maxLength	45

19.2.10.27 Max4Text

Definition: Specifies a character string with a maximum length of 4 characters.
Type: Text

Format	
minLength	1
maxLength	4

19.2.10.28 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.
Type: Text

Format	
minLength	1
maxLength	500

19.2.10.29 Max5NumericText

Definition: Specifies a numeric string with a maximum length of 5 digits.
Type: Text

Format	
pattern	[0-9]{1,5}

19.2.10.30 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.
Type: Text

Format	
minLength	1
maxLength	6

19.2.10.31 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.
Type: Text

Format	
minLength	1
maxLength	70

19.2.10.32 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.
Type: Text

Format	
minLength	1
maxLength	76

19.2.10.33 Max8000Text

Definition: Specifies a character string with a maximum length of 8000 characters.
Type: Text

Format	
minLength	1
maxLength	8000

19.2.10.34 Max8Text

Definition: Specifies a character string with a maximum length of 8 characters.
Type: Text

Format

minLength	1
maxLength	8

19.2.10.35 Max9NumericText

Definition: Specifies a numeric string with a maximum length of 9 digits.

Type: Text

Format

pattern	[0-9]{1,9}
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19.2.10.36 Min2Max3AlphaText

Definition: Specifies an alpha string with a minimum length of 2 characters and a maximum length of 3 characters.

Type: Text

Format

pattern	[a-zA-Z]{2,3}
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19.2.10.37 Min2Max3NumericText

Definition: Specifies a numeric string with a minimum length of 2 digits, and a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{2,3}
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19.2.10.38 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

19.2.10.39 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

19.2.10.40 Min8Max28NumericText

Definition: Specifies a numeric string with a minimum length of 8 digits, and a maximum length of 28 digits.

Type: Text

Format

pattern	[0-9]{8,28}
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19.2.10.41 PhoneNumber

Definition: The collection of information which identifies a specific phone or FAX number as defined by telecom services.

It consists of a "+" followed by the country code (from 1 to 3 characters) then a "-" and finally, any combination of numbers, "(", ")", "+" and "-" (up to 30 characters).

Type: Text

Format

pattern	\+[0-9]{1,3}-[0-9()+\-]{1,30}
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