

ISO 20022

Card Sale to POI - Merchant to Acceptor -  
Maintenance 2025 - 2026

## Message Definition Report - Part 2

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

This document provides details of the Message Definitions for Card Sale to POI - Merchant to Acceptor - Maintenance 2025 - 2026.

March 2026

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

## 1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
casp.001.001.08 SaleToPOIServiceRequestV08	This SaleToPOIServiceRequest message is sent by a sale system to trig a financial service on POI system.
casp.002.001.08 SaleToPOIServiceResponseV08	The SaleToPOIServiceResponse message is sent by a POI to provide the outcome of a financial service.
casp.003.001.08 SaleToPOIReconciliationRequestV08	The SaleToPOIReconciliationRequest message is sent by a sale system to request for reconciliation between sale and POI systems.
casp.004.001.08 SaleToPOIReconciliationResponseV08	The SaleToPOIReconciliationResponse message is sent by a POI to provide the result of reconciliation process between sale and POI systems.
casp.005.001.08 SaleToPOISessionManagementRequestV08	The SaleToPOISessionManagementRequest message is sent by a sale system to select an administrative service related to session management.
casp.006.001.08 SaleToPOISessionManagementResponseV08	The SaleToPOISessionManagementResponse message is sent by a POI to provide the result of an administrative service related to session management.
casp.007.001.08 SaleToPOIAdministrativeRequestV08	The SaleToPOIAdministrativeRequest message is sent by a sale system to POI System to request for an Administrative service.
casp.008.001.08 SaleToPOIAdministrativeResponseV08	The SaleToPOIAdministrativeResponse message is sent by a POI System to a sale system to provide response to an administrative service.
casp.009.001.08 SaleToPOIReportRequestV08	The SaleToPOIReportRequest message is sent by sale system to request a report service.
casp.010.001.08 SaleToPOIReportResponseV08	This SaleToPOIReportResponse message is sent by a POI to provide the report previously expected by a sale system.
casp.011.001.08 SaleToPOIAbortV08	The SaleToPOIAbort message is sent by a sale system to abort process on POI.
casp.012.001.08 SaleToPOIEventNotificationV08	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.014.001.08 SaleToPOIMessageStatusRequestV08	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.015.001.08 SaleToPOIMessageStatusResponseV08	The SaleToPOIMessageStatusResponse message is sent by a POI System to respond to the sale system at a previous message status request.
casp.016.001.08 SaleToPOIDeviceRequestV08	The SaleTOPOIDeviceRequest message is sent by the sale system to POI system to request a device service.
casp.017.001.08 SaleToPOIDeviceResponseV08	The SaleToPOIDeviceResponse message is sent by a POI System to sale system to provide result of a device request.

## **2        casp.001.001.08          SaleToPOIServiceRequestV08**

### **2.1      MessageDefinition Functionality**

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

#### Outline

The SaleToPOIServiceRequestV08 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]			53
	MessageFunction <MsgFctn>	[1..1]	CodeSet		53
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		54
	ExchangeIdentification <XchgId>	[1..1]	Text		54
	CreationDateTime <CreDtTm>	[1..1]	DateTime		54
	InitiatingParty <InitgPty>	[1..1]	±		55
	RecipientParty <RcptPty>	[0..1]	±		55
	Traceability <Tracblt>	[0..*]	±		56
	ServiceRequest <SvcReq>	[1..1]			56
	Environment <Envt>	[1..1]	±	C9	100
	Context <Cntxt>	[1..1]		C10	106
	PaymentContext <PmtCntxt>	[0..1]			109
	CardPresent <CardPres>	[0..1]	Indicator		109
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		109
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		110
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		110
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		110
	TransactionChannel <TxChanl>	[0..1]	CodeSet		110
	BusinessArea <BizArea>	[0..1]	CodeSet		111
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		111
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	111
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		112
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		112
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		113
	SaleContext <SaleCntxt>	[0..1]			113
	SaleIdentification <SaleId>	[0..1]	Text		114
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		114
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		115
	CashierIdentification <CshrlId>	[0..1]	Text		115

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	115
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		115
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		115
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		115
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		115
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		116
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			116
	<b>CommonName</b> <CmonNm>	[1..1]	Text		116
	<b>Address</b> <Adr>	[0..1]	Text		116
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		116
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		116
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		116
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		117
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		117
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		117
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		117
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		117
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		118
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		118
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	118
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		119
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		119
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		119
	<b>Debtor</b> <Dbtr>	[0..1]	±		120
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	121
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		121
	<b>Creditor</b> <Cdtr>	[0..1]	±		121
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	122
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		123
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			123
	<b>Debtor</b> <Dbtr>	[0..1]	±		124

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	125
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		126
	<b>Creditor</b> <Cdtr>	[0..1]	±		126
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	127
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		128
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			128
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		129
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		129
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		129
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		129
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		129
	<b>PaymentRequest</b> <PmtReq>	[0..1]			130
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			135
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		140
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		140
	<b>PaymentTypeInformation</b> <PmtTplnf>	[0..1]	±		141
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		141
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		142
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		143
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		143
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		144
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		144
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		146
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		146
	<b>POIIdentification</b> <POIId>	[1..1]			146
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			148
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		156
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		157
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		157
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		157
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		157
	<b>TransactionDetails</b> <TxDtls>	[1..1]			158
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	161
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		161
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		161
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		161
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		161
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		162
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		162
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		162
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		162
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		162
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		163
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		163
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			164
	<b>AcceptedByCardholder</b> <AcptdByCrdhldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		169

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		172
	<b>Instalment</b> <Instlmt>	[0..*]	±		173
	<b>Recurring</b> <Rcrng>	[0..1]	±		174
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		175
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		175
	<b>SaleItem</b> <Saleitm>	[0..*]	±		175
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		176
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		176

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		176
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		176
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		177
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			177
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		178
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			178
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		178
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			179
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		180
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		180
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		180
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		180
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		181
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		181
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		181
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		181
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		182
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		182
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		182
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			182
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		182
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		183
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		184
	<b>Retry</b> <Rtry>	[0..1]	±		184

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TimeCondition</b> <TmCond>	[0..1]	±		185
	<b>LoyaltyData</b> <LtyData>	[0..*]			185
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		185
	<b>Account</b> <Acct>	[0..1]	±		186
	<b>Amount</b> <Amt>	[0..1]			186
	<b>Unit</b> <Unit>	[0..1]	CodeSet		187
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	187
	<b>Amount</b> <Amt>	[1..1]	Amount		187
	<b>ReversalRequest</b> <RvslReq>	[0..1]			187
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			193
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		198
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		198
	<b>PaymentTypeInformation</b> <PmtTplnf>	[0..1]	±		199
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		199
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		200
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		201
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		201
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		202
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		202
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		204
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		204
	<b>POIIdentification</b> <POIID>	[1..1]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			206
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ConversionDetails</b> <ConvvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvvsId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		214
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		215
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		215
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		215
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		215
	<b>TransactionDetails</b> <TxDtls>	[1..1]			216
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	219
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		219
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		219
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		219
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		219
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		220
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		220
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		220
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		220
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		220
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		221
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		221
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			222
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		230
	<b>Instalment</b> <Instlmt>	[0..*]	±		231
	<b>Recurring</b> <Rcrng>	[0..1]	±		232
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		233
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		233
	<b>SaleItem</b> <Saleitm>	[0..*]	±		233
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		234
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		234
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		234
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		234
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		235

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			235
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		236
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			236
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		236
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			237
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		238
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		238
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		238
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		238
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		239
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		239
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		239
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		239
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		240
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		240
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		240
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			240
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		240
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		241
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		242
	<b>Retry</b> <Rtry>	[0..1]	±		242
	<b>TimeCondition</b> <TmCond>	[0..1]	±		243
	<b>LoyaltyData</b> <LltyData>	[0..*]			243
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		243

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Account</b> <Acct>	[0..1]	±		244
	<b>Amount</b> <Amt>	[0..1]			244
	<b>Unit</b> <Unit>	[0..1]	CodeSet		245
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	245
	<b>Amount</b> <Amt>	[1..1]	Amount		245
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		245
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		246
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		246
	<b>BalanceInquiryRequest</b> <BalInqryReq>	[0..1]			246
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		252
	<b>PaymentAccountRequest</b> <PmtAcctReq>	[0..1]			252
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		253
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>AccountReference</b> <AcctRef>	[0..1]	Text		254
	<b>LoyaltyAccountRequest</b> <LtyAcctReq>	[0..1]			254
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>Account</b> <Acct>	[0..1]	±		255
	<b>StoredValueAccountRequest</b> <StordValAcctReq>	[0..1]			255
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		261
	<b>Data</b> <Data>	[1..*]			261
	<b>Provider</b> <Prvdr>	[0..1]	Text		267
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		267
	<b>AccountIdentification</b> <AcctId>	[0..1]			267
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			271
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIID>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <DcmI>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		317
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		317
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		321
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		321
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		321
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	321
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		322
	<b>LoyaltyRequest</b> <LltyReq>	[0..1]			322
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		328
	<b>Transaction</b> <Tx>	[1..1]			328
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		333

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	334
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		334
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			335
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		340
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		340
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		341
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		341
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		342
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		343
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		343
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		344
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		344
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIId>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		356
	<b>ReconciliationIdentification</b> <RcncldId>	[0..1]	Text		357
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		357
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		357
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		357
	<b>TransactionDetails</b> <TxDtls>	[1..1]			358

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		363
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		363
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		378

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			378
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		380
	<b>CustomerOrder</b> <CstmrOrdrr>	[0..1]	±		380
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		380
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		381
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		381
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		381
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		381
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		382
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		382
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		382
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			382
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385
	<b>SaleItem</b> <SaleItm>	[0..*]	±		385
	<b>Data</b> <Data>	[0..*]			386
	<b>CustomerOrder</b> <CstmrOrdrr>	[0..1]	±		386
	<b>Account</b> <Acct>	[0..1]	±		387
	<b>Amount</b> <Amt>	[0..1]			387
	<b>Unit</b> <Unit>	[0..1]	CodeSet		388
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	388
	<b>Amount</b> <Amt>	[1..1]	Amount		388

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>StoredValueRequest</b> <StordValReq>	[0..1]			388
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		394
	<b>Data</b> <Data>	[1..*]			394
	<b>Provider</b> <Prvdr>	[0..1]	Text		400
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		400
	<b>AccountIdentification</b> <AcctId>	[0..1]			400
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		401
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		402
	<b>Identification</b> <Id>	[0..1]	Text		402
	<b>Brand</b> <Brnd>	[0..1]	Text		402
	<b>Provider</b> <Prvdr>	[0..1]	Text		402
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		402
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		403
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		403
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	403
	<b>Balance</b> <Bal>	[0..1]	Amount		404
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			404
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		409
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		409
	<b>PaymentTypeInfoInformation</b> <PmtTpInf>	[0..1]	±		410
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		410
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		411
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		412
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		412
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		413
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		413
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIId>	[1..1]			415

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		425
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		426
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		426
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		426
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		426
	<b>TransactionDetails</b> <TxDtls>	[1..1]			427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		444

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444
	<b>SaleItem</b> <SaleItm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		445
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			447
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		449
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		449
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		449
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		450
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		450
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		450
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		450
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		451
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		451
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		451
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			451

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		454
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		454
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		454
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	454
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		455
	<b>BatchRequest</b> <BtchReq>	[0..1]			455
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		471
	<b>RemoveAllFlag</b> <RmvAllFlg>	[0..1]	Indicator		471
	<b>TransactionToPerform</b> <TxToPrfrm>	[0..*]			471
{Or	<b>PaymentRequest</b> <PmtReq>	[1..1]			487
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			492
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIId>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		518
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		518
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		518
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		518
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		519
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		519
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		519
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		519
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		519
	<b>UnattendedLevelCategory</b> <UatnddLvCtgy>	[0..1]	Text		520
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		520
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			521
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		523
	<b>Conversion</b> <Convs>	[0..1]			523
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <SaleItm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			535
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542
	<b>LoyaltyData</b> <LltyData>	[0..*]			542
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544
Or	<b>LoyaltyRequest</b> <LltyReq>	[1..1]			544
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		550
	<b>Transaction</b> <Tx>	[1..1]			550
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LltyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplBlBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		579
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579
	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplBlBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <SaleItm>	[0..*]	±		607
	<b>Data</b> <Data>	[0..*]			608
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		608
	<b>Account</b> <Acct>	[0..1]	±		609
	<b>Amount</b> <Amt>	[0..1]			609
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610
Or}	<b>ReversalRequest</b> <RvslReq>	[1..1]			610
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			616
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		625
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIId>	[1..1]			627

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtls>	[1..1]			639
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UatnddLv/Ctgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtedXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		656

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <SaleItm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		659
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666
	<b>LoyaltyData</b> <LtyData>	[0..*]			666
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668
	<b>ReversalReason</b> <RvsIRsn>	[1..1]	CodeSet		668
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		669
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		669
	<b>EnableServiceRequest</b> <NblSvcReq>	[0..1]			669
	<b>TransactionAction</b> <TxActn>	[1..1]	CodeSet		670
	<b>ServicesEnabled</b> <SvcsNbld>	[0..1]	CodeSet		670
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		671
	<b>CardAcquisitionRequest</b> <CardAcqstnReq>	[0..1]			671
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		672
	<b>AllowedPaymentBrand</b> <AllwdPmtBrnd>	[0..*]	Text		672
	<b>AllowedLoyaltyBrand</b> <AllwdLtyBrnd>	[0..*]	Text		672
	<b>ForceCustomerSelectionFlag</b> <ForceCstmrSelctnFlg>	[0..1]	Indicator		672
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		673
	<b>PaymentType</b> <PmtTp>	[0..1]	CodeSet		673
	<b>CashBackFlag</b> <CshBckFlg>	[0..1]	Indicator		673
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		673
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		674
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		674
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	674

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityTrailer <SctyTrlr>	[0..1]	±		674

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		53
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		54
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		54
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		54
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		55
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		55
	<b>Traceability</b> <Tracblt>	[0..*]	±		56

#### 2.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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.

CodeName	Name	Definition
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.

#### 2.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2373

#### 2.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 2.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 2.4.2 ServiceRequest <SvcReq>

*Presence:* [1..1]

*Definition:* Information related to a service request.

**ServiceRequest <SvcReq>** contains the following **ServiceRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C9	100
	<b>Context</b> <Cntxt>	[1..1]		C10	106
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			109
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		109
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		109
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		110
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		110
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		110
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		110
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		111
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		111
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	111
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		112
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		112
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		113
	<b>SaleContext</b> <SaleCntxt>	[0..1]			113
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		114
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		114
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		115
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		115
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	115
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		115
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		115
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		115
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		115
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		116
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			116
	<b>CommonName</b> <CmonNm>	[1..1]	Text		116
	<b>Address</b> <Adr>	[0..1]	Text		116
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		116
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		116

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdr>	[1..1]	Text		116
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		117
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		117
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		117
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		117
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		117
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		118
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		118
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	118
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		119
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		119
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		119
	<b>Debtor</b> <Dbtr>	[0..1]	±		120
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	121
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		121
	<b>Creditor</b> <Cdtr>	[0..1]	±		121
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	122
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		123
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			123
	<b>Debtor</b> <Dbtr>	[0..1]	±		124
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	125
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		126
	<b>Creditor</b> <Cdtr>	[0..1]	±		126
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	127
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		128
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			128
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		129
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		129
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		129
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		129
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentRequest</b> <PmtReq>	[0..1]			130
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			135
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		140
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		140
	<b>PaymentTypeInfoInformation</b> <PmtTplnf>	[0..1]	±		141
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		141
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		142
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		143
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		143
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		144
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		144
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		146
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		146
	<b>POIIdentification</b> <POIId>	[1..1]			146
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			148
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		156
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		157
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		157
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		157
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		157
	<b>TransactionDetails</b> <TxDtls>	[1..1]			158
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	161
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		161
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		161
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		161
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		162
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		162
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		162
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		162
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		162
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		163
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		163
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			164
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		172
	<b>Instalment</b> <Instlmt>	[0..*]	±		173
	<b>Recurring</b> <Rcrng>	[0..1]	±		174
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		175
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		175
	<b>SaleItem</b> <Saleitm>	[0..*]	±		175
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		176
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		176
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		176
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		176
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		177
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			177
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		178
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			178
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		178

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			179
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		180
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		180
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		180
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		180
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		181
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		181
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		181
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		181
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		182
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		182
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		182
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			182
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		182
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		183
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		184
	<b>Retry</b> <Rtry>	[0..1]	±		184
	<b>TimeCondition</b> <TmCond>	[0..1]	±		185
	<b>LoyaltyData</b> <LtyData>	[0..*]			185
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		185
	<b>Account</b> <Acct>	[0..1]	±		186
	<b>Amount</b> <Amt>	[0..1]			186
	<b>Unit</b> <Unit>	[0..1]	CodeSet		187
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	187
	<b>Amount</b> <Amt>	[1..1]	Amount		187
	<b>ReversalRequest</b> <RvslReq>	[0..1]			187
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			193
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		198

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		199
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		199
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		200
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		201
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		201
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		202
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		202
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		204
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		204
	<b>POIIdentification</b> <POIId>	[1..1]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			206
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		214
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		215
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		215
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		215
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		215
	<b>TransactionDetails</b> <TxDtls>	[1..1]			216
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	219
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		219
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		219
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		219
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		219

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		220
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		220
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		220
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		220
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		220
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		221
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		221
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			222
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtedXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		230
	<b>Instalment</b> <Instlmt>	[0..*]	±		231
	<b>Recurring</b> <Rcrng>	[0..1]	±		232
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		233
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		233
	<b>SaleItem</b> <Saleitm>	[0..*]	±		233
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		234
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		234
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		234
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		234
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		235
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			235
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		236
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			236
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		236
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			237
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		238
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		238
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		238
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		238
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		239
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		239
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		239
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		239
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		240
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		240
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		240
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			240
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		240
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		241
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		242
	<b>Retry</b> <Rtry>	[0..1]	±		242
	<b>TimeCondition</b> <TmCond>	[0..1]	±		243
	<b>LoyaltyData</b> <LtyData>	[0..*]			243
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		243
	<b>Account</b> <Acct>	[0..1]	±		244
	<b>Amount</b> <Amt>	[0..1]			244
	<b>Unit</b> <Unit>	[0..1]	CodeSet		245
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	245
	<b>Amount</b> <Amt>	[1..1]	Amount		245
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		245
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		246
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		246
	<b>BalanceInquiryRequest</b> <BalNqryReq>	[0..1]			246
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		252
	<b>PaymentAccountRequest</b> <PmtAcctReq>	[0..1]			252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		253
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>AccountReference</b> <AcctRef>	[0..1]	Text		254
	<b>LoyaltyAccountRequest</b> <LtyAcctReq>	[0..1]			254
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>Account</b> <Acct>	[0..1]	±		255
	<b>StoredValueAccountRequest</b> <StordValAcctReq>	[0..1]			255
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		261
	<b>Data</b> <Data>	[1..*]			261
	<b>Provider</b> <Prvdr>	[0..1]	Text		267
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		267
	<b>AccountIdentification</b> <AcctId>	[0..1]			267
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			271
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIID>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtdAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		321
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		321
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		321
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	321
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		322
	<b>LoyaltyRequest</b> <LltyReq>	[0..1]			322
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		328
	<b>Transaction</b> <Tx>	[1..1]			328
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		333
	<b>LoyaltyTransactionType</b> <LltyTxTp>	[1..1]	CodeSet		334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	334
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		334
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			335
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		340
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		340
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		341
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		341
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		342
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		343
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		343

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		344
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		344
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIId>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		356
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		357
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		357
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		357
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		357
	<b>TransactionDetails</b> <TxDtls>	[1..1]			358
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		363

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		378
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			378
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		380
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		380
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		380
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		381

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		381
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		381
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		381
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		382
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		382
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		382
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			382
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385
	<b>SaleItem</b> <Saleitm>	[0..*]	±		385
	<b>Data</b> <Data>	[0..*]			386
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		386
	<b>Account</b> <Acct>	[0..1]	±		387
	<b>Amount</b> <Amt>	[0..1]			387
	<b>Unit</b> <Unit>	[0..1]	CodeSet		388
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	388
	<b>Amount</b> <Amt>	[1..1]	Amount		388
	<b>StoredValueRequest</b> <StordValReq>	[0..1]			388
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		394
	<b>Data</b> <Data>	[1..*]			394
	<b>Provider</b> <Prvdr>	[0..1]	Text		400
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		400
	<b>AccountIdentification</b> <Acctld>	[0..1]			400
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		401
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		402
	<b>Identification</b> <Id>	[0..1]	Text		402
	<b>Brand</b> <Brnd>	[0..1]	Text		402
	<b>Provider</b> <Prvdr>	[0..1]	Text		402

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		402
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		403
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		403
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	403
	<b>Balance</b> <Bal>	[0..1]	Amount		404
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			404
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		409
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		409
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		410
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		410
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		411
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		412
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		412
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		413
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		413
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIID>	[1..1]			415
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtedXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		425
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		426
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		426
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		426

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		426
	<b>TransactionDetails</b> <TxDtls>	[1..1]			427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		444
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444
	<b>SaleItem</b> <Saleitm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		445
	<b>ReSubmissionCounter</b> <ReSubmissnCntnr>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntnr>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			447
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		449
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		449
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		449
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		450
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		450
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		450
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		450
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		451
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		451
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		451
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			451
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		454
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		454
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		454
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	454
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		455
	<b>BatchRequest</b> <BtchReq>	[0..1]			455

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		471
	<b>RemoveAllFlag</b> <RmvAllFlg>	[0..1]	Indicator		471
	<b>TransactionToPerform</b> <TxToPrfrm>	[0..*]			471
{Or	<b>PaymentRequest</b> <PmtReq>	[1..1]			487
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			492
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInfoInformation</b> <PmtTpInf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIID>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtgXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		518
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		518
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		518
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		518
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		519
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		519
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		519
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		519
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		519
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		520
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		520
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			521
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		523
	<b>Conversion</b> <Convs>	[0..1]			523
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
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	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534
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	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
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	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542
	<b>LoyaltyData</b> <LltyData>	[0..*]			542
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544

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	<b>Transaction</b> <Tx>	[1..1]			550
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfoInformation</b> <PmtTplnf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceldentification</b> <SaleRefld>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceldentification</b> <SaleRefld>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579
	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltqAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <ApblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcmg>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <SaleItm>	[0..*]	±		607
	<b>Data</b> <Data>	[0..*]			608
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		608
	<b>Account</b> <Acct>	[0..1]	±		609

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610
Or}	<b>ReversalRequest</b> <RvslReq>	[1..1]			610
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			616
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		625
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIID>	[1..1]			627
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			639
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsItgAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		658

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		659
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666
	<b>LoyaltyData</b> <LltyData>	[0..*]			666
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		668
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		668
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		669
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		669
	<b>EnableServiceRequest</b> <NbISvcReq>	[0..1]			669
	<b>TransactionAction</b> <TxActn>	[1..1]	CodeSet		670
	<b>ServicesEnabled</b> <SvcsNbld>	[0..1]	CodeSet		670
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		671
	<b>CardAcquisitionRequest</b> <CardAcqstnReq>	[0..1]			671
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		672
	<b>AllowedPaymentBrand</b> <AllwdPmtBrnd>	[0..*]	Text		672
	<b>AllowedLoyaltyBrand</b> <AllwdLltyBrnd>	[0..*]	Text		672
	<b>ForceCustomerSelectionFlag</b> <ForceCstmrSelctnFlg>	[0..1]	Indicator		672
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		673
	<b>PaymentType</b> <PmtTp>	[0..1]	CodeSet		673
	<b>CashBackFlag</b> <CshBckFlg>	[0..1]	Indicator		673
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		673
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		674
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		674
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	674

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LtyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			109
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		109
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		109
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		110
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		110
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		110
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		110
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		111
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		111
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C13	111
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		112
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		112
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		113
	<b>SaleContext</b> <SaleCntxt>	[0..1]			113
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		114
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		114
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		115
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		115
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	115
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		115
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		115
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		115
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		115
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		116
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			116
	<b>CommonName</b> <CmonNm>	[1..1]	Text		116
	<b>Address</b> <Adr>	[0..1]	Text		116
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		116
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		116
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		116
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		117

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		117
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		117
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		117
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		117
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		118
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		118
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	118
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		119
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		119
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		119
	<b>Debtor</b> <Dbtr>	[0..1]	±		120
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	121
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		121
	<b>Creditor</b> <Cdtr>	[0..1]	±		121
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	122
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		123
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			123
	<b>Debtor</b> <Dbtr>	[0..1]	±		124
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	125
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		126
	<b>Creditor</b> <Cdtr>	[0..1]	±		126
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	127
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		128
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			128
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		129
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		129
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		129
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		129

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		109
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		109
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		110
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		110
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		110
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		110
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		111
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		111
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	111
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		112
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		112
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		113

#### 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 2366](#)):

- *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 2366](#)):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		114
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		114
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		115
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		115
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	115
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		115
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		115
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		115
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		115
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		116
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			116
	<b>CommonName</b> <CmonNm>	[1..1]	Text		116
	<b>Address</b> <Adr>	[0..1]	Text		116
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		116
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		116
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		116
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		117
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		117
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		117
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		117
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		117
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		118
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		118

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **2.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C13 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **2.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		116
	<b>Address</b> <Adr>	[0..1]	Text		116
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		116
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		116
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		116

##### 2.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 2.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 2.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		119
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		119
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		119
	<b>Debtor</b> <Dbtr>	[0..1]	±		120
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	121
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		121
	<b>Creditor</b> <Cdtr>	[0..1]	±		121
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	122
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		123

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		124
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	125
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		126
	<b>Creditor</b> <Cdtr>	[0..1]	±		126
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	127
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		128
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			128
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		129
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		129
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		129
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		129

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		129
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		129
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		129
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		129

#### 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 2371

#### 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 2364

#### 2.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 2.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service requested.

*Datatype:* "RetailerService2Code" on page 2350

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 **PaymentRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			135
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		140
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		140
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		141
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		141
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		142
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		143
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		143
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		144
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		144
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		146
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		146
	<b>POIIdentification</b> <POIID>	[1..1]			146
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			148
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		156
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		157
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		157
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		157
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		157
	<b>TransactionDetails</b> <TxDtls>	[1..1]			158
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	161
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		161
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		161
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		161
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		162
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		162
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		162
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		162
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		162
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		163
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		163
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			164
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		172
	<b>Instalment</b> <Instlmt>	[0..*]	±		173
	<b>Recurring</b> <Rcrng>	[0..1]	±		174
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		175
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		175
	<b>SaleItem</b> <Saleitm>	[0..*]	±		175
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		176
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		176
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		176
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		176
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		177
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			177
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		178
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			178
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		178
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		180
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		180
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		180
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		180
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		181
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		181
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		181
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		181
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		182
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		182
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		182
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			182
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		182
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		183
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		184
	<b>Retry</b> <Rtry>	[0..1]	±		184
	<b>TimeCondition</b> <TmCond>	[0..1]	±		185
	<b>LoyaltyData</b> <LltyData>	[0..*]			185
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		185
	<b>Account</b> <Acct>	[0..1]	±		186
	<b>Amount</b> <Amt>	[0..1]			186
	<b>Unit</b> <Unit>	[0..1]	CodeSet		187
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	187
	<b>Amount</b> <Amt>	[1..1]	Amount		187

#### 2.4.2.4.1 PaymentTransaction <PmtTx>

*Presence:* [0..1]

*Definition:* Data associated with the Transaction.

**PaymentTransaction <PmtTx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		140
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		140
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		141
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		141
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		142
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		143
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		143
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		144
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		144
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			144
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		146
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		146
	<b>POIIdentification</b> <POIID>	[1..1]			146
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			148
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		156
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		157
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		157
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		157
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		157
	<b>TransactionDetails</b> <TxDtls>	[1..1]			158
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	161
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		161
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		161
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		161
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		162
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		162
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		162
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		162
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		162
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		163
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		163
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			164
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		172
	<b>Instalment</b> <Instlmt>	[0..*]	±		173
	<b>Recurring</b> <Rcrng>	[0..1]	±		174
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		175
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		175
	<b>SaleItem</b> <Saleitm>	[0..*]	±		175
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		176
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		176
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		176
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		176
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		177
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			177
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		178
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			178
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		178
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			179
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		180
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		180
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		180
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		180
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		181
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		181
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		181
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		181
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		182
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		182
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		182
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			182
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		182
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		183
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		184
	<b>Retry</b> <Rtry>	[0..1]	±		184
	<b>TimeCondition</b> <TmCond>	[0..1]	±		185

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.4.1.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.4.1.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.4.1.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		146
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		146
	<b>POIIdentification</b> <POIID>	[1..1]			146
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			148
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		156

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		147
	<b>Type</b> <Tp>	[0..1]	CodeSet		147
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		147
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		148

#### 2.4.2.4.1.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.4.1.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.4.1.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.4.1.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.4.1.11.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		150
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		150
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			150
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		156

#### 2.4.2.4.1.11.4.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2319

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 2371

#### 2.4.2.4.1.11.4.3 ConversionDetails <ConvDsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		152
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			152
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		153
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		153
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		153
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		153
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		153
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		153
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			153
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154
	<b>ApplicableBinRange</b> <AplBlBinRg>	[0..*]			154
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			155
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			156
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			156
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		156

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	152
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		152
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		152
	<b>Name</b> <Nm>	[0..1]	Text		152

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	154
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		154
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		154
	<b>Name</b> <Nm>	[0..1]	Text		154

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		155
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		155

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		155
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		155
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		155

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		156
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		156

##### 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 2367

##### 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 2371

#### 2.4.2.4.1.11.4.3.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.4.1.12 ReconciliationIdentification <RnccltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.4.1.13 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* "Max140Text" on page 2369

#### 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 2369

#### 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 2369

#### **2.4.2.4.1.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	161
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		161
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		161
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		161
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		161
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		162
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		162
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		162
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		162
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		162
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		163
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		163
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			164
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		172
	<b>Instalment</b> <Instlmt>	[0..*]	±		173
	<b>Recurring</b> <Rcrng>	[0..1]	±		174
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		175
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		175
	<b>SaleItem</b> <Saleitm>	[0..*]	±		175
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		176
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		176
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		176
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		176
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		177
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			177
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		178

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 2.4.2.4.1.16.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.4.1.16.6 RequestedAmount <ReqdAmt>

**Presence:** [0..1]

**Definition:** Amount requested to be authorised.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 2.4.2.4.1.16.7 AuthorisedAmount <AuthrsdAmt>

**Presence:** [0..1]

**Definition:** Amount authorised for the payment transaction.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2364

#### 2.4.2.4.1.16.10 OnLineReason <OnLineRsn>

**Presence:** [0..\*]

**Definition:** Reason to process an online authorisation.

**Datatype:** "OnLineReason2Code" on page 2333

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 <UatnddLvICtgy>

*Presence:* [0..1]

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

*Datatype:* "Max35NumericText" on page 2371

#### 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 2310

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		166
	<b>Conversion</b> <Convs>	[0..1]			166
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		172

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		168
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			168
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		169
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		169
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		169
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		169
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		169
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		169
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			169
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			170
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			171
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			172
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			172
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		172

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	168
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		168
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		168
	<b>Name</b> <Nm>	[0..1]	Text		168

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	170
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		170
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		170
	<b>Name</b> <Nm>	[0..1]	Text		170

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 2.4.2.4.1.16.13.2.10 ApplicableBinRange <AplblBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		171
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		171

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		171
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		171
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		171

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		172
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		172

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 2.4.2.4.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		177
	<b>Value</b> <Val>	[0..1]	Binary		177
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		177
	<b>Type</b> <Tp>	[0..1]	Text		178

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		178
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			179
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		180

##### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		179
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		179
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		180

#### 2.4.2.4.1.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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 2371

#### 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 2369

#### 2.4.2.4.1.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.4.1.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.4.1.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.4.1.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.4.1.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		182
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		183
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		184
	<b>Retry</b> <Rtry>	[0..1]	±		184
	<b>TimeCondition</b> <TmCond>	[0..1]	±		185

##### 2.4.2.4.1.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.4.1.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.4.1.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.4.1.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.4.1.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 2.4.2.4.2 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		185
	<b>Account</b> <Acct>	[0..1]	±		186
	<b>Amount</b> <Amt>	[0..1]			186
	<b>Unit</b> <Unit>	[0..1]	CodeSet		187
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	187
	<b>Amount</b> <Amt>	[1..1]	Amount		187

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		187
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	187
	<b>Amount</b> <Amt>	[1..1]	Amount		187

#### 2.4.2.4.2.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.5 ReversalRequest <RvslReq>

*Presence:* [0..1]

*Definition:* Content of the reversal request.

**ReversalRequest** <RvslReq> contains the following **ReversalRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			193
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		198
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		198
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		199
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		199
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		200
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		201
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		201
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		202
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		202
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		204
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		204
	<b>POIIdentification</b> <POIID>	[1..1]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			206
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		214
	<b>ReconciliationIdentification</b> <RcnclnId>	[0..1]	Text		215
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		215
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		215
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		215
	<b>TransactionDetails</b> <TxDtls>	[1..1]			216
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	219
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		219
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		219

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		219
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		219
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		220
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		220
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		220
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		220
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		220
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		221
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		221
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			222
	<b>AcceptedByCardholder</b> <AcptdByCrhdldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		230
	<b>Instalment</b> <Instlmt>	[0..*]	±		231
	<b>Recurring</b> <Rcrng>	[0..1]	±		232
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		233
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		233
	<b>SaleItem</b> <Saleitm>	[0..*]	±		233
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		234
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		234
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		234
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		234
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		235
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			235
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		236
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			236
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		236
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			237

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		238
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		238
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		238
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		238
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		239
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		239
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		239
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		239
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		240
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		240
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		240
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			240
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		240
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		241
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		242
	<b>Retry</b> <Rtry>	[0..1]	±		242
	<b>TimeCondition</b> <TmCond>	[0..1]	±		243
	<b>LoyaltyData</b> <LltyData>	[0..*]			243
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		243
	<b>Account</b> <Acct>	[0..1]	±		244
	<b>Amount</b> <Amt>	[0..1]			244
	<b>Unit</b> <Unit>	[0..1]	CodeSet		245
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	245
	<b>Amount</b> <Amt>	[1..1]	Amount		245
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		245
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		246
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		246

#### **2.4.2.5.1 ReversalTransaction <RvslTx>**

*Presence:* [0..1]

*Definition:* Transaction to reverse.

**ReversalTransaction <RvsITx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		198
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		198
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		199
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		199
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		200
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		201
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		201
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		202
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		202
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			202
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		204
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		204
	<b>POIIdentification</b> <POIID>	[1..1]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			206
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		214
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		215
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		215
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		215
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		215
	<b>TransactionDetails</b> <TxDtls>	[1..1]			216
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	219
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		219
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		219
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		219

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		219
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		220
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		220
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		220
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		220
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		220
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		221
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		221
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			222
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		230
	<b>Instalment</b> <Instlmt>	[0..*]	±		231
	<b>Recurring</b> <Rcrng>	[0..1]	±		232
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		233
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		233
	<b>SaleItem</b> <Saleitm>	[0..*]	±		233
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		234
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		234
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		234
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		234
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		235
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			235
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		236
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			236
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		236
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			237
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		238
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		238
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		238
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		238
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		239
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		239
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		239
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		239
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		240
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		240
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		240
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			240
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		240
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		241
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		242
	<b>Retry</b> <Rtry>	[0..1]	±		242
	<b>TimeCondition</b> <TmCond>	[0..1]	±		243

#### 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 2366):

- *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 2337

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.

#### 2.4.2.5.1.3 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.5.1.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.5.1.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.5.1.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		204
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		204
	<b>POIIdentification</b> <POIID>	[1..1]			204
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			206
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		214

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		205
	<b>Type</b> <Tp>	[0..1]	CodeSet		205
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		205
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		206

#### 2.4.2.5.1.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.5.1.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.5.1.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.5.1.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.5.1.11.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		208
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		208
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			208
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			214

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		214

#### 2.4.2.5.1.11.4.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2319

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 2371

#### 2.4.2.5.1.11.4.3 ConversionDetails <ConvsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		210
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			210
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		211
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		211
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		211
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		211
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		211
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		211
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			211
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			212
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			213
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			214
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			214
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		214

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	210
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		210
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		210
	<b>Name</b> <Nm>	[0..1]	Text		210

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **2.4.2.5.1.11.4.3.5 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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	212
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		212
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		212
	<b>Name</b> <Nm>	[0..1]	Text		212

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 2.4.2.5.1.11.4.3.10 ApplicableBinRange <AplBlBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		213
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		213

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		213
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		213
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		213

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		214
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		214

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.5.1.12 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.5.1.13 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* "Max140Text" on page 2369

#### 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 2369

#### 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 2369

#### **2.4.2.5.1.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	219
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		219
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		219
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		219
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		219
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		220
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		220
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		220
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		220
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		220
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		221
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		221
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			222
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtXdchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		230
	<b>Instalment</b> <Instlmt>	[0..*]	±		231
	<b>Recurring</b> <Rcrng>	[0..1]	±		232
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		233
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		233
	<b>SaleItem</b> <Saleitm>	[0..*]	±		233
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		234
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		234
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		234
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		234
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		235
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			235
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		236

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 2.4.2.5.1.16.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.5.1.16.6 RequestedAmount <ReqdAmt>

**Presence:** [0..1]

**Definition:** Amount requested to be authorised.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 2.4.2.5.1.16.7 AuthorisedAmount <AuthrsdAmt>

**Presence:** [0..1]

**Definition:** Amount authorised for the payment transaction.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2364

#### 2.4.2.5.1.16.10 OnLineReason <OnLineRsn>

**Presence:** [0..\*]

**Definition:** Reason to process an online authorisation.

**Datatype:** "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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

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

#### 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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		224
	<b>Conversion</b> <Convs>	[0..1]			224
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		230

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		226
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			226
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		227
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		227
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		227
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		227
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		227
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		227
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			227
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			228
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			229
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			230
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			230
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		230

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	226
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		226
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		226
	<b>Name</b> <Nm>	[0..1]	Text		226

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	228
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		228
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		228
	<b>Name</b> <Nm>	[0..1]	Text		228

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		229
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		229

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		229
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		229
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		229

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		230
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		230

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 2.4.2.5.1.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		235
	<b>Value</b> <Val>	[0..1]	Binary		235
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		235
	<b>Type</b> <Tp>	[0..1]	Text		236

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		236
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			237
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		238

##### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		237
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		237
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		238

#### 2.4.2.5.1.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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 2371

#### 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 2369

#### 2.4.2.5.1.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.5.1.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.5.1.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.5.1.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.5.1.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		240
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		241
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		242
	<b>Retry</b> <Rtry>	[0..1]	±		242
	<b>TimeCondition</b> <TmCond>	[0..1]	±		243

##### 2.4.2.5.1.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.5.1.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.5.1.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.5.1.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.5.1.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 2.4.2.5.2 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		243
	<b>Account</b> <Acct>	[0..1]	±		244
	<b>Amount</b> <Amt>	[0..1]			244
	<b>Unit</b> <Unit>	[0..1]	CodeSet		245
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	245
	<b>Amount</b> <Amt>	[1..1]	Amount		245

#### 2.4.2.5.2.1 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* To retrieve Card Acquisition Data.

**CustomerOrder <CstmrOrd>** contains the following elements (see "[CustomerOrder1](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		245
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	245
	<b>Amount</b> <Amt>	[1..1]	Amount		245

#### 2.4.2.5.2.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.5.3 ReversalReason <RvsIRsn>

*Presence:* [1..1]

*Definition:* Reason for this reversal.

*Datatype:* "ReversalReason1Code" on page 2353

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 2292

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 2.4.2.6 BalanceInquiryRequest <BalNqryReq>

*Presence:* [0..1]

*Definition:* Content of a Balance Inquiry Request.

**BalanceInquiryRequest <BalNqryReq>** contains the following **BalanceInquiryRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		252
	<b>PaymentAccountRequest</b> <PmtAcctReq>	[0..1]			252
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		253
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>AccountReference</b> <AcctRef>	[0..1]	Text		254
	<b>LoyaltyAccountRequest</b> <LltyAcctReq>	[0..1]			254
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>Account</b> <Acct>	[0..1]	±		255
	<b>StoredValueAccountRequest</b> <StordValAcctReq>	[0..1]			255
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		261
	<b>Data</b> <Data>	[1..*]			261
	<b>Provider</b> <Prvdr>	[0..1]	Text		267
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		267
	<b>AccountIdentification</b> <AcctId>	[0..1]			267
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			271
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIID>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		317
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		317
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		321
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		321
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		321
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	321
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		322

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		253
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>AccountReference</b> <AcctRef>	[0..1]	Text		254

#### 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 2310

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.
UURL	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 <CstmrOrd>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 2.4.2.6.2.3 AccountReference <AcctRef>

*Presence:* [0..1]

*Definition:* Reference of an account (all types).

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.6.3 LoyaltyAccountRequest <LtyAcctReq>

*Presence:* [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		254
	<b>Account</b> <Acct>	[0..1]	±		255

#### 2.4.2.6.3.1 CustomerOrder <CstmrOrd>

*Presence:* [0..1]

*Definition:* To retrieve Card Acquisition Data.

**CustomerOrder <CstmrOrdr>** contains the following elements (see "[CustomerOrder1](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 2.4.2.6.4 StoredValueAccountRequest <StordValAcctReq>

*Presence:* [0..1]

*Definition:* Data related to a requested Stored value account.

**StoredValueAccountRequest <StordValAcctReq>** contains the following **StoredValueRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		261
	<b>Data</b> <Data>	[1..*]			261
	<b>Provider</b> <Prvdr>	[0..1]	Text		267
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		267
	<b>AccountIdentification</b> <AcctId>	[0..1]			267
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			271
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInfoInformation</b> <PmtTplnf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIId>	[1..1]			282

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AcctpdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		311

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <SaleItm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		317
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		317
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		321
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		321
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		321
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	321
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		322

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.6.4.2 Data <Data>

*Presence:* [1..\*]

*Definition:* Data related to the stored value card.

**Data <Data>** contains the following **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		267
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		267
	<b>AccountIdentification</b> <AcctId>	[0..1]			267
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			271
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIId>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		317
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		317
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		321
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		321
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		321
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	321
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		322

#### 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 2371

#### 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 2356

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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		268
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		269
	<b>Identification</b> <Id>	[0..1]	Text		269
	<b>Brand</b> <Brnd>	[0..1]	Text		269
	<b>Provider</b> <Prvdr>	[0..1]	Text		269
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		269
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		270
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		270
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	270
	<b>Balance</b> <Bal>	[0..1]	Amount		271

#### 2.4.2.6.4.2.3.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 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 2313

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.

#### 2.4.2.6.4.2.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.6.4.2.3.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.6.4.2.3.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.6.4.2.3.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 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 2369

#### 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 2312

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.)

#### 2.4.2.6.4.2.3.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **2.4.2.6.4.2.4 OriginalPOITransaction <OrgnIPOITx>**

*Presence:* [0..1]

*Definition:* Identification of a previous POI transaction.

**OriginalPOITransaction** <OrgnlPOITx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		276
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		276
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		277
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		277
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		278
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		279
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		279
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		280
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		280
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			280
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIID>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		292
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		293
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		293
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		293
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		293
	<b>TransactionDetails</b> <TxDtls>	[1..1]			294
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			314
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		316
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		316
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		316
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		317
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		317
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		317
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		317
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		318
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		318
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		318
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			318
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.6.4.2.4.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.6.4.2.4.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.6.4.2.4.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>POIIdentification</b> <POIID>	[1..1]			282
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			284
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		292

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		283
	<b>Type</b> <Tp>	[0..1]	CodeSet		283
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		283
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		284

#### 2.4.2.6.4.2.4.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.6.4.2.4.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.6.4.2.4.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.6.4.2.4.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		286
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		286
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			286
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			292

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		292

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		288
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			288
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		289
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		289
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		289
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		289
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		289
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		289
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			289
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			290
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			291
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			292
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			292
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		292

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	288
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		288
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		288
	<b>Name</b> <Nm>	[0..1]	Text		288

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	290
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		290
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		290
	<b>Name</b> <Nm>	[0..1]	Text		290

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		291
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		291

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		291
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		291
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		291

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		292
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		292

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.6.4.2.4.12 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2369

#### 2.4.2.6.4.2.4.14 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 2369

#### 2.4.2.6.4.2.4.15 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 2369

#### **2.4.2.6.4.2.4.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	297
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		297
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		297
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		297
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		297
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		298
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		298
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		298
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		298
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		298
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		299
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		299
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			300
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		308
	<b>Instalment</b> <Instlmt>	[0..*]	±		309
	<b>Recurring</b> <Rcrng>	[0..1]	±		310
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		311
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		311
	<b>SaleItem</b> <Saleitm>	[0..*]	±		311
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		312
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		312
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		312
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		312
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		313
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			313
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		314

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.6.4.2.4.16.6 RequestedAmount <ReqdAmt>

**Presence:** [0..1]

**Definition:** Amount requested to be authorised.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 2.4.2.6.4.2.4.16.10 OnLineReason <OnLineRsn>

**Presence:** [0..\*]

**Definition:** Reason to process an online authorisation.

**Datatype:** "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		302
	<b>Conversion</b> <Convs>	[0..1]			302
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		308

#### 2.4.2.6.4.2.4.16.13.1 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		304
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			304
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		305
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		305
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		305
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		305
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		305
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		305
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			305
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			306
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		307
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		307
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			307
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		307
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		307
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		307
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			308
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			308
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		308

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	304
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		304
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		304
	<b>Name</b> <Nm>	[0..1]	Text		304

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	306
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		306
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		306
	<b>Name</b> <Nm>	[0..1]	Text		306

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 2.4.2.6.4.2.4.16.13.2.10 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
	<b>LowerBin &lt;LwrBin&gt;</b>	[1..1]	Text		307
	<b>HigherBin &lt;HghrBin&gt;</b>	[1..1]	Text		307

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		307
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		307
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		307

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		308
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		308

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Lab>	[0..1]	Text		2181

#### 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 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Binary		313
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		313
	<b>Type</b> <Tp>	[0..1]	Text		314

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		314
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			315
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		316

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		315
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		315
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		316

#### 2.4.2.6.4.2.4.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.6.4.2.4.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.6.4.2.4.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.6.4.2.4.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.6.4.2.4.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		318
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		319
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		320
	<b>Retry</b> <Rtry>	[0..1]	±		320
	<b>TimeCondition</b> <TmCond>	[0..1]	±		321

##### 2.4.2.6.4.2.4.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.6.4.2.4.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.6.4.2.4.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.6.4.2.4.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3"](#) on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.6.4.2.4.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6"](#) on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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 2371

#### 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 2371

#### 2.4.2.6.4.2.7 ItemAmount <ItmAmt>

*Presence:* [0..1]

*Definition:* Total amount of the item line.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 2292

#### 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 2295

## Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 2.4.2.7 LoyaltyRequest <LltyReq>

*Presence:* [0..1]

*Definition:* Content of the Loyalty Request.

**LoyaltyRequest** <LtyReq> contains the following **LoyaltyRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		328
	<b>Transaction</b> <Tx>	[1..1]			328
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		333
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	334
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		334
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			335
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		340
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		340
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		341
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		341
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		342
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		343
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		343
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		344
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		344
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIID>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		356
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		357

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		357
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		357
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		357
	<b>TransactionDetails</b> <TxDtls>	[1..1]			358
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		363
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		363
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		378
	<b>AuthorisationResult</b> <AuthstnRsIt>	[0..1]			378
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		380
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		380
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		380
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		381
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		381
	<b>CardProgrammeApplied</b> <CardPrgrmmApId>	[0..1]	Text		381
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		381
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		382
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		382
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		382
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			382
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385
	<b>SaleItem</b> <SaleItm>	[0..*]	±		385
	<b>Data</b> <Data>	[0..*]			386
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		386
	<b>Account</b> <Acct>	[0..1]	±		387

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[0..1]			387
	<b>Unit</b> <Unit>	[0..1]	CodeSet		388
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	388
	<b>Amount</b> <Amt>	[1..1]	Amount		388

#### 2.4.2.7.1 CustomerOrder <CstmrOrd>

*Presence:* [0..1]

*Definition:* To retrieve Card Acquisition Data.

**CustomerOrder <CstmrOrd>** contains the following elements (see "[CustomerOrder1](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 2.4.2.7.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Data related to the loyalty transaction.

**Transaction <Tx>** contains the following **LoyaltyTransaction8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		333
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	334
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		334
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			335
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		340
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		340
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		341
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		341
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		342
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		343
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		343
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		344
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		344
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIID>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		356
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		357
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		357
	<b>IssuerCITIdentification</b> <IssrCITld>	[0..1]	Text		357
	<b>MerchantCITIdentification</b> <MrchntCITld>	[0..1]	Text		357

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			358
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		363
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		363
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		378
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			378
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		380
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		380
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		380
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		381
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		381
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		381
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		381
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		382
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		382
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		382
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			382
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385
	<b>SaleItem</b> <SaleItem>	[0..*]	±		385

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.7.2.2 LoyaltyTransactionType <LtyTxTp>

*Presence:* [1..1]

*Definition:* Data related to the loyalty transaction.

*Datatype:* "LoyaltyTransactionType1Code" on page 2331

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.
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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **2.4.2.7.2.5 OriginalPOITransaction <OrgnlPOITx>**

*Presence:* [0..1]

*Definition:* Data of a previous POI payment transaction.

**OriginalPOITransaction** <OrgnlPOITx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		340
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		340
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		341
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		341
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		342
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		343
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		343
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		344
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		344
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			344
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIID>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		353

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		356
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		357
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		357
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		357
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		357
	<b>TransactionDetails</b> <TxDtls>	[1..1]			358
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		363
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		363
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <ApplBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		378
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			378
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		380
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		380
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		380
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		381
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		381
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		381
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		381
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		382
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		382
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		382
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			382
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.7.2.5.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.7.2.5.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.7.2.5.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		346
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		346
	<b>POIIdentification</b> <POIID>	[1..1]			346
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			348
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		356

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		347
	<b>Type</b> <Tp>	[0..1]	CodeSet		347
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		347
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		348

#### 2.4.2.7.2.5.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.7.2.5.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.7.2.5.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.7.2.5.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		350
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		350
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			350
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		356

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		352
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			352
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		353
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		353
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		353
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		353
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		353
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		353
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			353
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354
	<b>ApplicableBinRange</b> <AplBlBinRg>	[0..*]			354
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			355
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			356
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			356
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		356

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	352
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		352
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		352
	<b>Name</b> <Nm>	[0..1]	Text		352

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	354
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		354
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		354
	<b>Name</b> <Nm>	[0..1]	Text		354

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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 <ApIbIBinRg>** contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		355
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		355

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		355
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		355
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		355

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		356
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		356

##### 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 2367

##### 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 2371

#### 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 <DclRtnDtIs>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

#### **2.4.2.7.2.5.16 TransactionDetails <TxDtls>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	361
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		361
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		361
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		361
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		361
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		362
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		362
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		362
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		362
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		362
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		363
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		363
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			364
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		372
	<b>Instalment</b> <Instlmt>	[0..*]	±		373
	<b>Recurring</b> <Rcrng>	[0..1]	±		374
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		375
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		375
	<b>SaleItem</b> <Saleitm>	[0..*]	±		375
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		376
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		376
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		376
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		376
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		377
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			377
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		378

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.7.2.5.16.6 RequestedAmount <ReqdAmt>

**Presence:** [0..1]

**Definition:** Amount requested to be authorised.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 2.4.2.7.2.5.16.7 AuthorisedAmount <AuthrsdAmt>

**Presence:** [0..1]

**Definition:** Amount authorised for the payment transaction.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2364

#### 2.4.2.7.2.5.16.10 OnLineReason <OnLineRsn>

**Presence:** [0..\*]

**Definition:** Reason to process an online authorisation.

**Datatype:** "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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

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

#### 2.4.2.7.2.5.16.13 CurrencyConversionResult <CcyConvsRsIt>

*Presence:* [0..1]

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

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		366
	<b>Conversion</b> <Convs>	[0..1]			366
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		372

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		368
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			368
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		369
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		369
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		369
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		369
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		369
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		369
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			369
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			370
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			371
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			372
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			372
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		372

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	368
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		368
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		368
	<b>Name</b> <Nm>	[0..1]	Text		368

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	370
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		370
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		370
	<b>Name</b> <Nm>	[0..1]	Text		370

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		371
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		371

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		371
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		371
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		371

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		372
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		372

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 2.4.2.7.2.5.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		377
	<b>Value</b> <Val>	[0..1]	Binary		377
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		377
	<b>Type</b> <Tp>	[0..1]	Text		378

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		378
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			379
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		380

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		379
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		379
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		380

#### 2.4.2.7.2.5.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2344

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 2371

#### 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 2369

#### 2.4.2.7.2.5.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 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 2373

#### 2.4.2.7.2.5.19 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrdr>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.7.2.5.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.7.2.5.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.7.2.5.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.7.2.5.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		382
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		383
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		384
	<b>Retry</b> <Rtry>	[0..1]	±		384
	<b>TimeCondition</b> <TmCond>	[0..1]	±		385

##### 2.4.2.7.2.5.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.7.2.5.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.7.2.5.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.7.2.5.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.7.2.5.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		386
	<b>Account</b> <Acct>	[0..1]	±		387
	<b>Amount</b> <Amt>	[0..1]			387
	<b>Unit</b> <Unit>	[0..1]	CodeSet		388
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	388
	<b>Amount</b> <Amt>	[1..1]	Amount		388

##### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		388
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	388
	<b>Amount</b> <Amt>	[1..1]	Amount		388

#### 2.4.2.7.3.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.8 StoredValueRequest <StordValReq>

*Presence:* [0..1]

*Definition:* Content of a Stored Value Request.

**StoredValueRequest <StordValReq>** contains the following **StoredValueRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		394
	<b>Data</b> <Data>	[1..*]			394
	<b>Provider</b> <Prvdr>	[0..1]	Text		400
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		400
	<b>AccountIdentification</b> <AcctId>	[0..1]			400
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		401
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		402
	<b>Identification</b> <Id>	[0..1]	Text		402
	<b>Brand</b> <Brnd>	[0..1]	Text		402
	<b>Provider</b> <Prvdr>	[0..1]	Text		402
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		402
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		403
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		403
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	403
	<b>Balance</b> <Bal>	[0..1]	Amount		404
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			404
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		409
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		409
	<b>PaymentTypeInformation</b> <PmtTplnf>	[0..1]	±		410
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		410
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		411
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		412
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		412
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		413
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		413
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIId>	[1..1]			415
	<b>Identification</b> <Id>	[1..1]	Text		416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		425
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		426
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		426
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		426
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		426
	<b>TransactionDetails</b> <TxDtls>	[1..1]			427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		444
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <SaleItm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		445
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			447
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		449
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		449
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		449
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		450
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		450
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		450
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		450
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		451
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		451
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		451
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			451
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		454
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		454
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		454
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	454
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		455

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.8.2 Data <Data>

*Presence:* [1..\*]

*Definition:* Data related to the stored value card.

**Data <Data>** contains the following **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		400
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		400
	<b>AccountIdentification</b> <AcctId>	[0..1]			400
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		401
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		402
	<b>Identification</b> <Id>	[0..1]	Text		402
	<b>Brand</b> <Brnd>	[0..1]	Text		402
	<b>Provider</b> <Prvdr>	[0..1]	Text		402
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		402
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		403
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		403
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	403
	<b>Balance</b> <Bal>	[0..1]	Amount		404
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			404
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		409
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		409
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		410
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		410
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		411
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		412
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		412
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		413
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		413
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIId>	[1..1]			415
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		425
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		426
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		426
	<b>IssuerCITIdentification</b> <IssrCITld>	[0..1]	Text		426
	<b>MerchantCITIdentification</b> <MrchntCITld>	[0..1]	Text		426
	<b>TransactionDetails</b> <TxDtls>	[1..1]			427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsld>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		444
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444
	<b>SaleItem</b> <Saleitm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		445

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			447
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		449
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		449
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		449
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		450
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		450
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		450
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		450
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		451
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		451
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		451
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			451
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		454
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		454
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		454
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	454
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		455

#### 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 2371

#### 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 2356

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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		401
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		402
	<b>Identification</b> <Id>	[0..1]	Text		402
	<b>Brand</b> <Brnd>	[0..1]	Text		402
	<b>Provider</b> <Prvdr>	[0..1]	Text		402
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		402
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		403
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		403
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	403
	<b>Balance</b> <Bal>	[0..1]	Amount		404

#### 2.4.2.8.2.3.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 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 2313

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.

#### 2.4.2.8.2.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.8.2.3.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.8.2.3.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.8.2.3.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 2.4.2.8.2.3.7 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the account of card.

*Datatype:* "Max10Text" on page 2369

#### 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 2312

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.)

#### 2.4.2.8.2.3.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **2.4.2.8.2.4 OriginalPOITransaction <OrgnlPOITx>**

*Presence:* [0..1]

*Definition:* Identification of a previous POI transaction.

**OriginalPOITransaction** <OrgnlPOITx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		409
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		409
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		410
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		410
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		411
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		412
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		412
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		413
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		413
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			413
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIID>	[1..1]			415
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		422

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		425
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		426
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		426
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		426
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		426
	<b>TransactionDetails</b> <TxDtls>	[1..1]			427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <ApplBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		444
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444
	<b>SaleItem</b> <Saleitm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		445
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			447
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		449
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		449
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		449
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		450
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		450
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		450
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		450
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		451
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		451
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		451
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			451
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454

#### 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 2366):

- *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 2337

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.

#### 2.4.2.8.2.4.3 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.8.2.4.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.8.2.4.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.8.2.4.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		415
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		415
	<b>POIIdentification</b> <POIID>	[1..1]			415
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			417
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		425

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		416
	<b>Type</b> <Tp>	[0..1]	CodeSet		416
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		416
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		417

#### 2.4.2.8.2.4.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.8.2.4.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.8.2.4.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.8.2.4.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		419
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		419
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			419
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		425

#### 2.4.2.8.2.4.11.4.1 Result <RsIt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2319

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 <RsItRsn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		421
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			421
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		422
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		422
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		422
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		422
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		422
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		422
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			422
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			423
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			424
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			425
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			425
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		425

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	421
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		421
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		421
	<b>Name</b> <Nm>	[0..1]	Text		421

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	423
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		423
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		423
	<b>Name</b> <Nm>	[0..1]	Text		423

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		424
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		424

#### **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 2369

#### **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 2369

#### **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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		424
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		424
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		424

#### **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 2292

#### **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 2292

#### **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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		425
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		425

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

#### **2.4.2.8.2.4.16 TransactionDetails <TxDtls>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	430
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		430
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		430
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		430
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		430
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		431
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		431
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		431
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		431
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		431
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		432
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		432
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			433
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtXdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		441
	<b>Instalment</b> <Instlmt>	[0..*]	±		442
	<b>Recurring</b> <Rcrng>	[0..1]	±		443
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		444
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		444
	<b>SaleItem</b> <Saleitm>	[0..*]	±		444
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		445
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		445
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		445
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		445
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		446
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			446
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		447

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.8.2.4.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 2.4.2.8.2.4.16.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 2.4.2.8.2.4.16.8 InvoiceAmount <InvcAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 2364

#### 2.4.2.8.2.4.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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 <CcyConvsRsIt>

*Presence:* [0..1]

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

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		435
	<b>Conversion</b> <Convs>	[0..1]			435
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		441

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		437
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			437
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		438
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		438
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		438
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		438
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		438
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		438
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			438
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			439
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			440
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			441
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			441
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		441

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	437
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		437
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		437
	<b>Name</b> <Nm>	[0..1]	Text		437

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **2.4.2.8.2.4.16.13.2.3 ResultingAmount <RsltAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	439
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		439
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		439
	<b>Name</b> <Nm>	[0..1]	Text		439

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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 <ApIbIBinRg>** contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		440
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		440

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		440
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		440
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		440

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		441
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		441

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 2.4.2.8.2.4.16.16 AggregationTransaction <AggtTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Lab>	[0..1]	Text		2181

#### 2.4.2.8.2.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		446
	<b>Value</b> <Val>	[0..1]	Binary		446
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		446
	<b>Type</b> <Tp>	[0..1]	Text		447

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		447
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			448
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		449

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		448
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		448
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		449

#### 2.4.2.8.2.4.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2344

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 2371

#### 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 2369

#### 2.4.2.8.2.4.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.8.2.4.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.8.2.4.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.8.2.4.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.8.2.4.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		451
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		452
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		453
	<b>Retry</b> <Rtry>	[0..1]	±		453
	<b>TimeCondition</b> <TmCond>	[0..1]	±		454

##### 2.4.2.8.2.4.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.8.2.4.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.8.2.4.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.8.2.4.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3"](#) on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.8.2.4.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6"](#) on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 2.4.2.8.2.5 ProductCode <PdctCd>

*Presence:* [0..1]

*Definition:* Product code of item purchased with the transaction.

*Datatype:* ["Max35Text"](#) on page 2371

#### 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 2371

#### 2.4.2.8.2.7 ItemAmount <ItmAmt>

*Presence:* [0..1]

*Definition:* Total amount of the item line.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 2292

#### 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 2295

## Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 2.4.2.9 BatchRequest <BtchReq>

*Presence:* [0..1]

*Definition:* Content of the Batch Request.

**BatchRequest <BtchReq>** contains the following **BatchRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		471
	<b>RemoveAllFlag</b> <RmvAllFlg>	[0..1]	Indicator		471
	<b>TransactionToPerform</b> <TxToPrfrm>	[0..*]			471
{Or	<b>PaymentRequest</b> <PmtReq>	[1..1]			487
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			492
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInfoInformation</b> <PmtTpInf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIID>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		518
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		518
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		518
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		518
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		519
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		519
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		519
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		519
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		519
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		520
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		520
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			521
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		523
	<b>Conversion</b> <Convs>	[0..1]			523
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCntnr>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntnr>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			535
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542
	<b>LoyaltyData</b> <LltyData>	[0..*]			542
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		544
Or	<b>LoyaltyRequest</b> <LtyReq>	[1..1]			544
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		550
	<b>Transaction</b> <Tx>	[1..1]			550
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		578

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		579
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579
	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AcctdByCrhdldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <SaleItm>	[0..*]	±		607
	<b>Data</b> <Data>	[0..*]			608
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		608

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Account</b> <Acct>	[0..1]	±		609
	<b>Amount</b> <Amt>	[0..1]			609
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610
Or}	<b>ReversalRequest</b> <RvslReq>	[1..1]			610
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			616
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		625
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIId>	[1..1]			627
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			639
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		659
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666
	<b>LoyaltyData</b> <LtyData>	[0..*]			666
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668
	<b>ReversalReason</b> <RvsIRsn>	[1..1]	CodeSet		668
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		669
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		669

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2366):

- *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 **TransactionToPerform8Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>PaymentRequest</b> <PmtReq>	[1..1]			487
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			492
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInformation</b> <PmtTplnf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIId>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			535

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542
	<b>LoyaltyData</b> <LltyData>	[0..*]			542
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544
Or	<b>LoyaltyRequest</b> <LltyReq>	[1..1]			544
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		550

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIId>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		579
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>Decimal</b> <DcmI>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtIs>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtIs>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtndtIs>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCntnr>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntnr>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
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	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <Saleitm>	[0..*]	±		607
	<b>Data</b> <Data>	[0..*]			608
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		608
	<b>Account</b> <Acct>	[0..1]	±		609
	<b>Amount</b> <Amt>	[0..1]			609
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610
Or}	<b>ReversalRequest</b> <Rvs/Req>	[1..1]			610
	<b>ReversalTransaction</b> <RvsITx>	[0..1]			616
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		625
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIID>	[1..1]			627
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcnclnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtls>	[1..1]			639

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <ApplBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		659

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666
	<b>LoyaltyData</b> <LltyData>	[0..*]			666
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		668

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		669
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		669

#### 2.4.2.9.3.1 PaymentRequest <PmtReq>

*Presence:* [1..1]

*Definition:* Content of the Payment Request message.

**PaymentRequest** <PmtReq> contains the following **PaymentRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentTransaction</b> <PmtTx>	[0..1]			492
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInfoInformation</b> <PmtTplnf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIID>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <RcnclnId>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		518
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		518

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		518
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		518
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		519
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		519
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		519
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		519
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		519
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		520
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		520
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			521
	<b>AcceptedByCardholder</b> <AcptdByCrhdldr>	[0..1]	Indicator		523
	<b>Conversion</b> <Convs>	[0..1]			523
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			535
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542
	<b>LoyaltyData</b> <LltyData>	[0..*]			542
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544

#### 2.4.2.9.3.1.1 PaymentTransaction <PmtTx>

*Presence:* [0..1]

*Definition:* Data associated with the Transaction.

**PaymentTransaction <PmtTx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		497
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		497
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		498
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		498
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		499
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		500
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		500
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		501
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		501
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			501
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIID>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		513
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		514
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		514
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		514
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		514
	<b>TransactionDetails</b> <TxDtls>	[1..1]			515
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	518
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		518
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		518
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		518

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		518
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		519
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		519
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		519
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		519
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		519
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		520
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		520
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			521
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		523
	<b>Conversion</b> <Convs>	[0..1]			523
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <ApblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			535
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		537
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		537
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		537
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		538
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		538
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		538
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		538
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		539
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		539
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		539
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			539
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.9.3.1.1.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.9.3.1.1.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.9.3.1.1.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		503
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		503
	<b>POIIdentification</b> <POIID>	[1..1]			503
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			505
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		513

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		504
	<b>Type</b> <Tp>	[0..1]	CodeSet		504
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		504
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		505

#### 2.4.2.9.3.1.1.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.9.3.1.1.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.9.3.1.1.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.9.3.1.1.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		507
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		507
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			507
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			513

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		513

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		509
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			509
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		510
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		510
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		510
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		510
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		510
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		510
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			510
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			511
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			512
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			513
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			513
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		513

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	509
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		509
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		509
	<b>Name</b> <Nm>	[0..1]	Text		509

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	511
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		511
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		511
	<b>Name</b> <Nm>	[0..1]	Text		511

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		512
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		512

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		512
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		512
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		512

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		513
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		513

##### 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 2367

##### 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 2371

#### 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 <Dclrtndtls>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

#### **2.4.2.9.3.1.1.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		529
	<b>Instalment</b> <Instlmt>	[0..*]	±		530
	<b>Recurring</b> <Rcrng>	[0..1]	±		531
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		532
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		532
	<b>SaleItem</b> <Saleitm>	[0..*]	±		532
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		533
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		533
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		533
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		533
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		534
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			534
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		535

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.9.3.1.1.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 2.4.2.9.3.1.1.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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

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

#### 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 **CurrencyConversion35** elements

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		529

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		525
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			525
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		526
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		526
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		526
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		526
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		526
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		526
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			526
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			527
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			528
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			529
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			529
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		529

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	525
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		525
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		525
	<b>Name</b> <Nm>	[0..1]	Text		525

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	527
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		527
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		527
	<b>Name</b> <Nm>	[0..1]	Text		527

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		528
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		528

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		528
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		528
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		528

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		529
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		529

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 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 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		534
	<b>Value</b> <Val>	[0..1]	Binary		534
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		534
	<b>Type</b> <Tp>	[0..1]	Text		535

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 2.4.2.9.3.1.1.17 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		535
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			536
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		537

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		536
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		536
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		537

#### 2.4.2.9.3.1.1.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.9.3.1.1.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.1.1.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.1.1.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.1.1.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		539
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		540
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		541
	<b>Retry</b> <Rtry>	[0..1]	±		541
	<b>TimeCondition</b> <TmCond>	[0..1]	±		542

##### 2.4.2.9.3.1.1.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.9.3.1.1.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.9.3.1.1.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.9.3.1.1.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.9.3.1.1.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		542
	<b>Account</b> <Acct>	[0..1]	±		543
	<b>Amount</b> <Amt>	[0..1]			543
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		544
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	544
	<b>Amount</b> <Amt>	[1..1]	Amount		544

#### 2.4.2.9.3.1.2.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.9.3.2 LoyaltyRequest <LtyReq>

*Presence:* [1..1]

*Definition:* Content of the Loyalty Request message.

**LoyaltyRequest** <LtyReq> contains the following **LoyaltyRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		550
	<b>Transaction</b> <Tx>	[1..1]			550
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIId>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579
	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <SaleItm>	[0..*]	±		607
	<b>Data</b> <Data>	[0..*]			608
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		608
	<b>Account</b> <Acct>	[0..1]	±		609

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[0..1]			609
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610

#### 2.4.2.9.3.2.1 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* To retrieve Card Acquisition Data.

**CustomerOrder** <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 2.4.2.9.3.2.2 Transaction <Tx>

*Presence:* [1..1]

*Definition:* Data related to the loyalty transaction.

**Transaction <Tx>** contains the following **LoyaltyTransaction8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		555
	<b>LoyaltyTransactionType</b> <LtyTxTp>	[1..1]	CodeSet		556
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	556
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		556
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			557
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		579
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLv/Ctgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607
	<b>SaleItem</b> <SaleItm>	[0..*]	±		607

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.9.3.2.2.2 LoyaltyTransactionType <LtyTxTp>

*Presence:* [1..1]

*Definition:* Data related to the loyalty transaction.

*Datatype:* "LoyaltyTransactionType1Code" on page 2331

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.
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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **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 **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		562
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		562
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		563
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		563
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		564
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		565
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		565
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		566
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		566
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			566
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		578
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		579
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		579
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		579
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		579
	<b>TransactionDetails</b> <TxDtls>	[1..1]			580
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		600
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			600
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		602
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		602
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		602
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		603
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		603
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		603
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		603
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		604
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		604
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		604
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			604
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 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 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 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 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.9.3.2.2.5.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		568
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		568
	<b>POIIdentification</b> <POIID>	[1..1]			568
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			570
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		578

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		569
	<b>Type</b> <Tp>	[0..1]	CodeSet		569
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		569
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		570

#### 2.4.2.9.3.2.2.5.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.9.3.2.2.5.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.9.3.2.2.5.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.9.3.2.2.5.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.9.3.2.2.5.11.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		572
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		572
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			572
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		578

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		574
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			574
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		575
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		575
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		575
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		575
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		575
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		575
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			575
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			576
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			577
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			578
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			578
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		578

#### 2.4.2.9.3.2.2.5.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	574
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		574
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		574
	<b>Name</b> <Nm>	[0..1]	Text		574

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	576
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		576
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		576
	<b>Name</b> <Nm>	[0..1]	Text		576

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		577
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		577

#### **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 2369

#### **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 2369

#### **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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		577
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		577
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		577

#### **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 2292

#### **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 2292

#### **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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		578
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		578

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.9.3.2.2.5.12 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2369

#### 2.4.2.9.3.2.2.5.14 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 2369

#### 2.4.2.9.3.2.2.5.15 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 2369

**2.4.2.9.3.2.2.5.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	583
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		583
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		583
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		583
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		583
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		584
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		584
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		584
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		584
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		584
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		585
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		585
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			586
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		594
	<b>Instalment</b> <Instlmt>	[0..*]	±		595
	<b>Recurring</b> <Rcrng>	[0..1]	±		596
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		597
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		597
	<b>SaleItem</b> <Saleitm>	[0..*]	±		597
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		598
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		598
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		598
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		598
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		599
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			599
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		600

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 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 2333

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 2371

#### 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 2310

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		588
	<b>Conversion</b> <Convs>	[0..1]			588
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		594

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		590
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			590
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		591
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		591
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		591
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		591
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		591
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		591
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			591
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			592
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			593
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			594
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			594
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		594

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	590
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		590
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		590
	<b>Name</b> <Nm>	[0..1]	Text		590

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	592
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		592
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		592
	<b>Name</b> <Nm>	[0..1]	Text		592

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		593
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		593

#### **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 2369

#### **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 2369

#### **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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		593
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		593
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		593

#### **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 2292

#### **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 2292

#### **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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		594
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		594

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 2.4.2.9.3.2.2.5.16.16 AggregationTransaction <Aggtntx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <Aggtntx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 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 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		599
	<b>Value</b> <Val>	[0..1]	Binary		599
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		599
	<b>Type</b> <Tp>	[0..1]	Text		600

##### 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 2368

##### 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 2292

##### 2.4.2.9.3.2.2.5.16.24.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 2.4.2.9.3.2.2.5.17 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		600
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			601
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		602

##### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		601
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		601
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		602

#### 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 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 2.4.2.9.3.2.2.5.19 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrdr>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 2.4.2.9.3.2.2.5.23 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 2371

#### 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 2373

#### 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 2373

#### 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 2373

#### 2.4.2.9.3.2.2.5.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.2.2.5.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		604
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		605
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		606
	<b>Retry</b> <Rtry>	[0..1]	±		606
	<b>TimeCondition</b> <TmCond>	[0..1]	±		607

##### 2.4.2.9.3.2.2.5.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.9.3.2.2.5.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.9.3.2.2.5.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.9.3.2.2.5.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.9.3.2.2.5.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		608
	<b>Account</b> <Acct>	[0..1]	±		609
	<b>Amount</b> <Amt>	[0..1]			609
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		610
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	610
	<b>Amount</b> <Amt>	[1..1]	Amount		610

#### 2.4.2.9.3.2.3.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.9.3.3 ReversalRequest <RvslReq>

*Presence:* [1..1]

*Definition:* Content of the Reversal Request message.

**ReversalRequest** <RvslReq> contains the following **ReversalRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReversalTransaction</b> <RvslTx>	[0..1]			616
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		625
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		627
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		627
	<b>POIIdentification</b> <POIld>	[1..1]			627
	<b>Identification</b> <ld>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvslld>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtls>	[1..1]			639
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AcptdByCrhdldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		659
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666
	<b>LoyaltyData</b> <LltyData>	[0..*]			666
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668
	<b>ReversalReason</b> <RvslRsn>	[1..1]	CodeSet		668
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		669
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		669

#### **2.4.2.9.3.3.1 ReversalTransaction <RvslTx>**

*Presence:* [0..1]

*Definition:* Transaction to reverse.

**ReversalTransaction <RvsITx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		621
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		621
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		622
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		622
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		623
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		624
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		624
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		625
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		625
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			625
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIID>	[1..1]			627
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		634

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		637
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		638
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		638
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		638
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		638
	<b>TransactionDetails</b> <TxDtls>	[1..1]			639
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <ApplBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		659
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			659
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		661
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		661
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		661
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		662
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		662
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		662
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		662
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		663
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		663
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		663
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			663
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 2.4.2.9.3.3.1.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 2.4.2.9.3.3.1.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 2.4.2.9.3.3.1.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		627
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		627
	<b>POIIdentification</b> <POIID>	[1..1]			627
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			629
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		637

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		628
	<b>Type</b> <Tp>	[0..1]	CodeSet		628
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		628
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		629

#### 2.4.2.9.3.3.1.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 2.4.2.9.3.3.1.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 2.4.2.9.3.3.1.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 2.4.2.9.3.3.1.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		631
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		631
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			631
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		637

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		633
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			633
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		634
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		634
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		634
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		634
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		634
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		634
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			634
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			635
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			636
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			637
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			637
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		637

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	633
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		633
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		633
	<b>Name</b> <Nm>	[0..1]	Text		633

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	635
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		635
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		635
	<b>Name</b> <Nm>	[0..1]	Text		635

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 2.4.2.9.3.3.1.11.4.3.10 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		636
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		636

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		636
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		636
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		636

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		637
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		637

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.9.3.3.1.12 ReconciliationIdentification <RcncldtId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2369

#### 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 2369

#### 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 2369

#### **2.4.2.9.3.3.1.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	642
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		642
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		642
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		642
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		642
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		643
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		643
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		643
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		643
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		643
	<b>UnattendedLevelCategory</b> <UattnddLvltCtgy>	[0..1]	Text		644
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		644
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			645
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		653
	<b>Instalment</b> <Instlmt>	[0..*]	±		654
	<b>Recurring</b> <Rcrng>	[0..1]	±		655
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		656
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		656
	<b>SaleItem</b> <Saleitm>	[0..*]	±		656
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		657
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		657
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		657
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		657
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		658
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			658
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		659

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 2.4.2.9.3.3.1.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 2.4.2.9.3.3.1.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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 <CcyConvsRslt>

*Presence:* [0..1]

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

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		647
	<b>Conversion</b> <Convs>	[0..1]			647
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		653

#### 2.4.2.9.3.3.1.16.13.1 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		649
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			649
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		650
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		650
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		650
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		650
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		650
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		650
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			650
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			651
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		652
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		652
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			652
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		652
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		652
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		652
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			653
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			653
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		653

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	649
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		649
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		649
	<b>Name</b> <Nm>	[0..1]	Text		649

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	651
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		651
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		651
	<b>Name</b> <Nm>	[0..1]	Text		651

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin &lt;LwrBin&gt;</b>	[1..1]	Text		652
	<b>HigherBin &lt;HghrBin&gt;</b>	[1..1]	Text		652

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount &lt;ActlAmt&gt;</b>	[0..1]	Amount		652
	<b>MinimumAmount &lt;MinAmt&gt;</b>	[0..1]	Amount		652
	<b>MaximumAmount &lt;MaxAmt&gt;</b>	[0..1]	Amount		652

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		653
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		653

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 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 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 2.4.2.9.3.3.1.16.20 ReSubmissionCounter <ReSubmissnCntnr>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 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 2367

#### 2.4.2.9.3.3.1.16.22 CompletionSequenceCounter <CmpltnSeqCntnr>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		658
	<b>Value</b> <Val>	[0..1]	Binary		658
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		658
	<b>Type</b> <Tp>	[0..1]	Text		659

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		659
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			660
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		661

##### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		660
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		660
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		661

#### 2.4.2.9.3.3.1.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 2.4.2.9.3.3.1.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.3.1.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.3.1.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.9.3.3.1.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		663
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		664
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		665
	<b>Retry</b> <Rtry>	[0..1]	±		665
	<b>TimeCondition</b> <TmCond>	[0..1]	±		666

##### 2.4.2.9.3.3.1.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 2.4.2.9.3.3.1.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 2.4.2.9.3.3.1.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 2.4.2.9.3.3.1.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "ProcessRetry3" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 2.4.2.9.3.3.1.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "ProcessTiming6" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		666
	<b>Account</b> <Acct>	[0..1]	±		667
	<b>Amount</b> <Amt>	[0..1]			667
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		668
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	668
	<b>Amount</b> <Amt>	[1..1]	Amount		668

#### 2.4.2.9.3.3.2.3.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 2.4.2.9.3.3.3 ReversalReason <RvsIRsn>

*Presence:* [1..1]

*Definition:* Reason for this reversal.

*Datatype:* "ReversalReason1Code" on page 2353

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 2292

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 2.4.2.10 EnableServiceRequest <NbISvcReq>

*Presence:* [0..1]

*Definition:* Content of the Enable Service Request.

**EnableServiceRequest <NbISvcReq>** contains the following **EnableServiceRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionAction</b> <TxActn>	[1..1]	CodeSet		670
	<b>ServicesEnabled</b> <SvcNbld>	[0..1]	CodeSet		670
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		671

#### 2.4.2.10.1 TransactionAction <TxActn>

*Presence:* [1..1]

*Definition:* Action to realise on a transaction.

*Datatype:* "TransactionAction1Code" on page 2360

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 <SvcNbld>

*Presence:* [0..1]

*Definition:* Services enabled before the start-up of a transaction.

*Datatype:* "RetailerService2Code" on page 2350

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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

### 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
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		672
	<b>AllowedPaymentBrand</b> <AllwdPmtBrnd>	[0..*]	Text		672
	<b>AllowedLoyaltyBrand</b> <AllwdLltyBrnd>	[0..*]	Text		672
	<b>ForceCustomerSelectionFlag</b> <ForceCstmrSelctnFlg>	[0..1]	Indicator		672
	<b>TotalAmount</b> <TtlAmt>	[0..1]	Amount		673
	<b>PaymentType</b> <PmtTp>	[0..1]	CodeSet		673
	<b>CashBackFlag</b> <CshBckFlg>	[0..1]	Indicator		673
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		673
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		674
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		674

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2371

#### 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 2366):

- *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 2292

#### 2.4.2.11.6 PaymentType <PmtTp>

*Presence:* [0..1]

*Definition:* Type of payment transaction.

*Datatype:* "CardPaymentServiceType13Code" on page 2314

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 2366):

- *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 2373

#### 2.4.2.11.9 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 2.4.2.11.10 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

##### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **3        casp.002.001.08          SaleToPOIServiceResponseV08**

### **3.1      MessageDefinition Functionality**

The SaleToPOIServiceResponse message is sent by a POI to provide the outcome of a financial service.

#### Outline

The SaleToPOIServiceResponseV08 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]			689
	MessageFunction <MsgFctn>	[1..1]	CodeSet		689
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		690
	ExchangeIdentification <XchgId>	[1..1]	Text		690
	CreationDateTime <CreDtTm>	[1..1]	DateTime		690
	InitiatingParty <InitgPty>	[1..1]	±		690
	RecipientParty <RcptPty>	[0..1]	±		691
	Traceability <Tracblt>	[0..*]	±		692
	ServiceResponse <SvcRspn>	[1..1]			692
	Environment <Envt>	[1..1]	±	C9	704
	Context <Cntxt>	[1..1]		C10	710
	PaymentContext <PmtCntxt>	[0..1]			713
	CardPresent <CardPres>	[0..1]	Indicator		713
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		713
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		714
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		714
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		714
	TransactionChannel <TxChanl>	[0..1]	CodeSet		714
	BusinessArea <BizArea>	[0..1]	CodeSet		715
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		715
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	715
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		716
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		716
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		717
	SaleContext <SaleCntxt>	[0..1]			717
	SaleIdentification <SaleId>	[0..1]	Text		718
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		718
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		719
	CashierIdentification <CshrlId>	[0..1]	Text		719

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	719
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		719
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		719
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		719
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		719
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		720
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			720
	<b>CommonName</b> <CmonNm>	[1..1]	Text		720
	<b>Address</b> <Adr>	[0..1]	Text		720
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		720
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		720
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		720
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		721
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		721
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		721
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		721
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		721
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		722
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		722
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	722
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		723
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		723
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		723
	<b>Debtor</b> <Dbtr>	[0..1]	±		724
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	725
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		725
	<b>Creditor</b> <Cdtr>	[0..1]	±		725
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	726
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		727
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			727
	<b>Debtor</b> <Dbtr>	[0..1]	±		728

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	729
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		730
	<b>Creditor</b> <Cdtr>	[0..1]	±		730
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	731
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		732
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			732
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		733
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		733
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		733
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		733
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		733
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			734
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		736
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		736
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		736
	<b>POIReconciliationIdentification</b> <POIRcncld>	[0..1]	Text		736
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		736
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		736
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			744
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		744
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		745
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		745
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		745
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			746
	<b>Account</b> <Acct>	[1..1]	±		747
	<b>Amount</b> <Amt>	[0..1]			748
	<b>Unit</b> <Unit>	[0..1]	CodeSet		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Amount</b> <Amt>	[1..1]	Amount		748
	<b>ServerData</b> <SvrData>	[0..1]			748
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		749

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		749
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		749
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		749
	<b>Rebates</b> <Rbts>	[0..1]			749
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		750
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			750
	<b>SaleItem</b> <Saleitm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		751
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		751
	<b>ReversalResponse</b> <RvslRspn>	[0..1]			752
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		753
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		753
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		753
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		753
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		753
	<b>ReversalTransactionResult</b> <RvslTxRslt>	[1..1]	±		753
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		758
	<b>Receipt</b> <Rct>	[0..*]			758
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		759
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		759
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		759
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		760
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			760
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		761
	<b>POITransactionIdentification</b> <POITxld>	[0..1]	±		762
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	762
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		763
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		763
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		763

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			763
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		764
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		765
	<b>Identification</b> <Id>	[0..1]	Text		765
	<b>Brand</b> <Brnd>	[0..1]	Text		765
	<b>Provider</b> <Prvdr>	[0..1]	Text		765
	<b>OwnerName</b> <OwnnrNm>	[0..1]	Text		765
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		766
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		766
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	766
	<b>Balance</b> <Bal>	[0..1]	Amount		767
	<b>Receipt</b> <Rct>	[0..*]			767
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		767
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		767
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		768
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		768
	<b>LoyaltyResponse</b> <LltyRspn>	[0..1]			768
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		769
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		769
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		770
	<b>Result</b> <Rslt>	[0..*]			770
	<b>Account</b> <Acct>	[1..1]	±		771
	<b>Amount</b> <Amt>	[0..1]			771
	<b>Unit</b> <Unit>	[0..1]	CodeSet		771
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	771
	<b>Amount</b> <Amt>	[1..1]	Amount		772
	<b>ServerData</b> <SvrData>	[0..1]			772
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		772
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		772
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		772
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		773

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rebates</b> <Rbts>	[0..1]			773
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		773
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		773
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			773
	<b>SaleItem</b> <Saleitm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		774
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			774
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		780
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		780
	<b>Result</b> <Rslt>	[0..*]			781
	<b>Provider</b> <Prvdr>	[0..1]	Text		787
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		787
	<b>AccountIdentification</b> <AcctId>	[0..1]			787
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		788
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		789
	<b>Identification</b> <Id>	[0..1]	Text		789
	<b>Brand</b> <Brnd>	[0..1]	Text		789
	<b>Provider</b> <Prvdr>	[0..1]	Text		789
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		789
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		790
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		790
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	790
	<b>Balance</b> <Bal>	[0..1]	Amount		791
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			791
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		796
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		796
	<b>PaymentTypeInformation</b> <PmtTplnf>	[0..1]	±		797
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		797
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		798
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		799
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		799

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		800
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		800
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIID>	[1..1]			802
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		813
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		813
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		813
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		813
	<b>TransactionDetails</b> <TxDtls>	[1..1]			814
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		819

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsItgAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		831
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		831
	<b>SaleItem</b> <Saleitm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		832
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			834
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		836
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		836
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		836
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		837

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		837
	<b>CardProgrammeApplied</b> <CardPrgrmmApId>	[0..1]	Text		837
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		837
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		838
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		838
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		838
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			838
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840
	<b>Retry</b> <Rtry>	[0..1]	±		840
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		841
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		841
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		842
	<b>Receipt</b> <Rct>	[0..*]			842
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		842
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		843
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		843
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		843
	<b>BatchResponse</b> <BtchRspn>	[0..1]			844
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		845
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		846
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			846
	<b>Response</b> <Rspn>	[1..1]	±		847
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		848
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		848
	<b>POIReconciliationIdentification</b> <POIRcncnclnId>	[0..1]	Text		848
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		848

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			856
	<b>Account</b> <Acct>	[1..1]	±		856
	<b>Amount</b> <Amt>	[0..1]			857
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858
	<b>ServerData</b> <SvrData>	[0..1]			858
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		859
	<b>Rebates</b> <Rbts>	[0..1]			859
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			859
	<b>SaleItem</b> <SaleItm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		860
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		860
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			861
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		861
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		861
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		861
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	862
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		862
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		862
	<b>Response</b> <Rspn>	[1..1]	±		863
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	863
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		864

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		689
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		690
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		690
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		690
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		690
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		691
	<b>Traceability</b> <Tracblt>	[0..*]	±		692

#### 3.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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.

CodeName	Name	Definition
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.

### 3.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2373

### 3.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

### 3.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 3.4.2 ServiceResponse <SvcRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of a service request.

**ServiceResponse <SvcRspn>** contains the following **ServiceResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C9	704
	<b>Context</b> <Cntxt>	[1..1]		C10	710
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			713
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		713
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		713
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		714
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		714
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		714
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		714
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		715
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		715
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	715
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		716
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		716
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		717
	<b>SaleContext</b> <SaleCntxt>	[0..1]			717
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		718
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		718
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		719
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		719
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	719
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		719
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		719
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		719
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		719
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		720
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			720
	<b>CommonName</b> <CmonNm>	[1..1]	Text		720
	<b>Address</b> <Adr>	[0..1]	Text		720
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		720
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		720

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		720
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		721
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		721
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		721
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		721
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		721
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		722
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		722
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	722
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		723
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		723
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		723
	<b>Debtor</b> <Dbtr>	[0..1]	±		724
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	725
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		725
	<b>Creditor</b> <Cdtr>	[0..1]	±		725
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	726
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		727
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			727
	<b>Debtor</b> <Dbtr>	[0..1]	±		728
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	729
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		730
	<b>Creditor</b> <Cdtr>	[0..1]	±		730
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	731
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		732
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			732
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		733
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		733
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		733
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		733
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		733

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			734
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		736
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		736
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		736
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		736
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		736
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		736
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			744
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		744
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		745
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		745
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		745
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			746
	<b>Account</b> <Acct>	[1..1]	±		747
	<b>Amount</b> <Amt>	[0..1]			748
	<b>Unit</b> <Unit>	[0..1]	CodeSet		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Amount</b> <Amt>	[1..1]	Amount		748
	<b>ServerData</b> <SvrData>	[0..1]			748
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		749
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		749
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		749
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		749
	<b>Rebates</b> <Rbts>	[0..1]			749
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		750
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			750
	<b>SaleItem</b> <Saleitm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		751
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		751
	<b>ReversalResponse</b> <RvslRspn>	[0..1]			752

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		753
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		753
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		753
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		753
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		753
	<b>ReversalTransactionResult</b> <RvsITxRslt>	[1..1]	±		753
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		758
	<b>Receipt</b> <Rct>	[0..*]			758
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		759
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		759
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		759
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		760
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			760
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		761
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		762
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	762
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		763
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		763
	<b>LoyaltyAccount</b> <LtyAcct>	[0..1]	±		763
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			763
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		764
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		765
	<b>Identification</b> <Id>	[0..1]	Text		765
	<b>Brand</b> <Brnd>	[0..1]	Text		765
	<b>Provider</b> <Prvdr>	[0..1]	Text		765
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		765
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		766
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		766
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	766
	<b>Balance</b> <Bal>	[0..1]	Amount		767

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Receipt</b> <Rct>	[0..*]			767
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		767
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		767
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		768
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		768
	<b>LoyaltyResponse</b> <LltyRspn>	[0..1]			768
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		769
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		769
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		770
	<b>Result</b> <Rslt>	[0..*]			770
	<b>Account</b> <Acct>	[1..1]	±		771
	<b>Amount</b> <Amt>	[0..1]			771
	<b>Unit</b> <Unit>	[0..1]	CodeSet		771
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	771
	<b>Amount</b> <Amt>	[1..1]	Amount		772
	<b>ServerData</b> <SvrData>	[0..1]			772
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		772
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		772
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		772
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		773
	<b>Rebates</b> <Rbts>	[0..1]			773
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		773
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		773
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			773
	<b>SaleItem</b> <SaleItm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		774
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			774
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		780
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		780
	<b>Result</b> <Rslt>	[0..*]			781
	<b>Provider</b> <Prvdr>	[0..1]	Text		787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		787
	<b>AccountIdentification</b> <AcctId>	[0..1]			787
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		788
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		789
	<b>Identification</b> <Id>	[0..1]	Text		789
	<b>Brand</b> <Brnd>	[0..1]	Text		789
	<b>Provider</b> <Prvdr>	[0..1]	Text		789
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		789
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		790
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		790
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	790
	<b>Balance</b> <Bal>	[0..1]	Amount		791
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			791
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		796
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		796
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		797
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		797
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		798
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		799
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		799
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		800
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		800
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIId>	[1..1]			802
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		813
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		813
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		813
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		813
	<b>TransactionDetails</b> <TxDtls>	[1..1]			814
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		819
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		831
	<b>ProductCodeSetIdentification</b> <PdctCdSetld>	[0..1]	Text		831
	<b>SaleItem</b> <Saleitm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			834
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		836
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		836
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		836
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		837
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		837
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		837
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		837
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		838
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		838
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		838
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			838
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840
	<b>Retry</b> <Rtry>	[0..1]	±		840

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		841
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		841
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>HostTransactionIdentification</b> <HstTxld>	[0..1]	±		842
	<b>Receipt</b> <Rct>	[0..*]			842
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		842
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		843
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		843
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		843
	<b>BatchResponse</b> <BtchRspn>	[0..1]			844
	<b>SaleBatchIdentification</b> <SaleBtchld>	[0..1]	±		845
	<b>POIBatchIdentification</b> <POIBtchld>	[0..1]	±		846
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			846
	<b>Response</b> <Rspn>	[1..1]	±		847
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		848
	<b>POITransactionIdentification</b> <POITxld>	[0..1]	±		848
	<b>POIReconciliationIdentification</b> <POIRcncld>	[0..1]	Text		848
	<b>PaymentResult</b> <PmtRsld>	[0..1]	±		848
	<b>LoyaltyResult</b> <LltyRsld>	[0..*]			856
	<b>Account</b> <Acct>	[1..1]	±		856
	<b>Amount</b> <Amt>	[0..1]			857
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858
	<b>ServerData</b> <SvrData>	[0..1]			858
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncld>	[0..1]	Text		859

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rebates</b> <Rbts>	[0..1]			859
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			859
	<b>SaleItem</b> <SaleItm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		860
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		860
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			861
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		861
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		861
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		861
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	862
	<b>LoyaltyAccount</b> <LltyAcct>	[0..*]	±		862
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		862
	<b>Response</b> <Rspn>	[1..1]	±		863
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	863

### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <Grpld>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wllt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <Drvrld>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrtctdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <RsIt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			713
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		713
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		713
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		714
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		714
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		714
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		714
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		715
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		715
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C13	715
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		716
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		716
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		717
	<b>SaleContext</b> <SaleCntxt>	[0..1]			717
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		718
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		718
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		719
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		719
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	719
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		719
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		719
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		719
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		719
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		720
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			720
	<b>CommonName</b> <CmonNm>	[1..1]	Text		720
	<b>Address</b> <Adr>	[0..1]	Text		720
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		720
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		720
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		720
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		721

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		721
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		721
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		721
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		721
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		722
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		722
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	722
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		723
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		723
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		723
	<b>Debtor</b> <Dbtr>	[0..1]	±		724
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	725
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		725
	<b>Creditor</b> <Cdtr>	[0..1]	±		725
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	726
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		727
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			727
	<b>Debtor</b> <Dbtr>	[0..1]	±		728
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	729
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		730
	<b>Creditor</b> <Cdtr>	[0..1]	±		730
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	731
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		732
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			732
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		733
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		733
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		733
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		733

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		713
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		713
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		714
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		714
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		714
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		714
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		715
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		715
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	715
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		716
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		716
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		717

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlilbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		718
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		718
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		719
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		719
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	719
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		719
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		719
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		719
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		719
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		720
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			720
	<b>CommonName</b> <CmonNm>	[1..1]	Text		720
	<b>Address</b> <Adr>	[0..1]	Text		720
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		720
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		720
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		720
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		721
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		721
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		721
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		721
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		721
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		722
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		722

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **3.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C13 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **3.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		720
	<b>Address</b> <Adr>	[0..1]	Text		720
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		720
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		720
	<b>RegisteredIdentifier</b> <Regldlr>	[1..1]	Text		720

##### 3.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 3.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 3.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 3.4.2.2.2.11.5 RegisteredIdentifier <Regldlr>

*Presence:* [1..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		723
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		723
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		723
	<b>Debtor</b> <Dbtr>	[0..1]	±		724
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	725
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		725
	<b>Creditor</b> <Cdtr>	[0..1]	±		725
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	726
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		727

#### 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 2366):

- *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 2366):

- *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 2368

### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		728
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	729
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		730
	<b>Creditor</b> <Cdtr>	[0..1]	±		730
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	731
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		732
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			732
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		733
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		733
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		733
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		733

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		733
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		733
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		733
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		733

#### 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 2371

#### 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 2364

#### 3.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 3.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service response.

*Datatype:* "RetailerService3Code" on page 2351

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 **PaymentResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		736
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		736
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		736
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		736
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		736
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		736
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			744
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		744
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		745
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		745
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		745
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			746
	<b>Account</b> <Acct>	[1..1]	±		747
	<b>Amount</b> <Amt>	[0..1]			748
	<b>Unit</b> <Unit>	[0..1]	CodeSet		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Amount</b> <Amt>	[1..1]	Amount		748
	<b>ServerData</b> <SvrData>	[0..1]			748
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		749
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		749
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		749
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		749
	<b>Rebates</b> <Rbts>	[0..1]			749
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		750
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			750
	<b>SaleItem</b> <Saleitm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		751
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		751

#### 3.4.2.4.1 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.4.4 POIReconciliationIdentification <POIRcnclntId>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 2371

#### 3.4.2.4.5 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* ["Max140Text"](#) on page 2369

#### 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  
"RetailerPaymentResult8" on page 2003 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTxx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2023
	TransactionIdentification <Txld>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2025
	TransactionIdentification <Txld>	[1..1]	±		2025
	POIIdentification <POIld>	[1..1]			2025
	Identification <ld>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <lssr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkupDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtDtls>	[0..*]	±		2035
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtIs>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApplBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrtctdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <ApblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

#### 3.4.2.4.7 PaymentReceipt <PmtRct>

*Presence:* [0..\*]

*Definition:* Customer or Merchant payment receipt.

**PaymentReceipt <PmtRct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		744
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		745
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		745
	OutputContent <OutptCntt>	[1..1]	±		745

##### 3.4.2.4.7.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 3.4.2.4.7.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 3.4.2.4.7.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 3.4.2.4.7.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutputBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 3.4.2.4.8 LoyaltyResult <LltyRsIt>

*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
	<b>Account</b> <Acct>	[1..1]	±		747
	<b>Amount</b> <Amt>	[0..1]			748
	<b>Unit</b> <Unit>	[0..1]	CodeSet		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Amount</b> <Amt>	[1..1]	Amount		748
	<b>ServerData</b> <SvrData>	[0..1]			748
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		749
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		749
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		749
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		749
	<b>Rebates</b> <Rbts>	[0..1]			749
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		750
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		750
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			750
	<b>SaleItem</b> <SaleItm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		751

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		748
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	748
	<b>Amount</b> <Amt>	[1..1]	Amount		748

##### 3.4.2.4.8.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

##### 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
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		749
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		749
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		749
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		749

#### 3.4.2.4.8.3.1 LoyaltyServerIdentification <LtySvrld>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

#### 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 2375

#### 3.4.2.4.8.3.3 LoyaltyTransactionIdentification <LtyTxld>

*Presence:* [0..1]

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

**LoyaltyTransactionIdentification <LtyTxld>** contains the following elements (see "TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.4.8.3.4 HostReconciliationIdentification <HstRcncltnld>

*Presence:* [0..1]

*Definition:* Identifier of a reconciliation period with a payment or loyalty host.

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		750
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		750
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			750
	<b>SaleItem</b> <Saleitm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		751

#### 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 2292

#### 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 2371

#### 3.4.2.4.8.4.3 SaleItemRebate <SaleitmRbt>

*Presence:* [0..\*]

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

**SaleItemRebate <SaleitmRbt>** contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <Saleitm>	[1..1]	±		750
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		751

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 3.4.2.4.9 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

### 3.4.2.5 ReversalResponse <RvslRspn>

*Presence:* [0..1]

*Definition:* Response Data to a Reversal request.

**ReversalResponse <RvslRspn>** contains the following **ReversalResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		753
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		753
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		753
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		753
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		753
	<b>ReversalTransactionResult</b> <RvslTxRsIt>	[1..1]	±		753
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		758
	<b>Receipt</b> <Rct>	[0..*]			758
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		759
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		759
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		759
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		760

#### 3.4.2.5.1 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.5.2 SaleReferenceIdentification <SaleRefld>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 2371

#### 3.4.2.5.3 POITransactionIdentification <POITxld>

*Presence:* [1..1]

*Definition:* POI identification of the transaction in an unambiguous way.

**POITransactionIdentification <POITxld>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.5.4 POIReconciliationIdentification <POIRcncltnld>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 2371

#### 3.4.2.5.5 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* ["Max140Text"](#) on page 2369

#### 3.4.2.5.6 ReversalTransactionResult <RvsITxRsIt>

*Presence:* [1..1]

*Definition:* Result of reversal transaction.

**ReversalTransactionResult <RvslTxRslt>** contains the following elements (see  
"RetailerReversalResult8" on page 1947 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1952
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1952
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1957
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1957
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1958
	TransactionType <TxTp>	[1..1]	CodeSet		1958
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1959
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1960
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1960
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1961
	TransactionIdentification <TxId>	[1..1]	±		1961
	OriginalTransaction <OrgnlTx>	[0..1]			1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkupDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1973
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1974
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1974
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1974
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1974
	TransactionDetails <TxDtls>	[1..1]			1975
	Currency <Ccy>	[0..1]	CodeSet	C1	1978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		1978
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtldAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtnTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <Saleitm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctcdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995
	AuthorisationResult <AuthstnRslt>	[0..1]			1995

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1997
	CustomerOrder <CstmrOrdr>	[0..1]	±		1997
	CustomerToken <CstmrTkn>	[0..1]	±		1997
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1998
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1998
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1998
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1998
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1999
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1999
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1999
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1999
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002
	CustomerOrder <CstmrOrdr>	[0..*]	±		2002

#### 3.4.2.5.7 ReversedAmount <RvsdAmt>

*Presence:* [0..1]

*Definition:* Amount that have been reverse.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 3.4.2.5.8 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Various receipts linked to the reversal.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		759
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		759
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		759
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		760

#### 3.4.2.5.8.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 3.4.2.5.8.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 3.4.2.5.8.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 3.4.2.5.8.4 OutputContent <OutputCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 3.4.2.6 BalanceInquiryResponse <BalNqryRspn>

*Presence:* [0..1]

*Definition:* Response data to a balance inquiry service request.

**BalanceInquiryResponse <BalNqryRspn>** contains the following **BalanceInquiryResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		761
	<b>POITransactionIdentification</b> <POITxld>	[0..1]	±		762
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			762
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	762
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		763
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		763
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		763
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			763
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		764
	<b>IdentificationType</b> <ldTp>	[0..1]	CodeSet		765
	<b>Identification</b> <ld>	[0..1]	Text		765
	<b>Brand</b> <Brnd>	[0..1]	Text		765
	<b>Provider</b> <Prvdr>	[0..1]	Text		765
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		765
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		766
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		766
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	766
	<b>Balance</b> <Bal>	[0..1]	Amount		767
	<b>Receipt</b> <Rct>	[0..*]			767
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		767
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		767
	<b>RequiredSignatureFlag</b> <ReqrdSgntFlg>	[0..1]	Indicator		768
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		768

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	762
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		763
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		763

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 1807 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1807
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1808

#### 3.4.2.6.4 LoyaltyAccount <LltyAcct>

*Presence:* [0..1]

*Definition:* Loyalty account information.

**LoyaltyAccount <LltyAcct>** contains the following elements (see "[LoyaltyAccount3](#)" on page 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		764
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		765
	<b>Identification</b> <Id>	[0..1]	Text		765
	<b>Brand</b> <Brnd>	[0..1]	Text		765
	<b>Provider</b> <Prvdr>	[0..1]	Text		765
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		765
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		766
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		766
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	766
	<b>Balance</b> <Bal>	[0..1]	Amount		767

#### 3.4.2.6.5.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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 2313

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 2371

#### 3.4.2.6.5.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.6.5.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.6.5.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 3.4.2.6.5.7 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the account of card.

*Datatype:* "Max10Text" on page 2369

#### 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 2312

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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 3.4.2.6.6 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Receipt to print after a balance inquiry.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		767
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		767
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		768
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		768

##### 3.4.2.6.6.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

##### 3.4.2.6.6.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

### 3.4.2.6.6.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

### 3.4.2.6.6.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutptCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

### 3.4.2.7 LoyaltyResponse <LltyRspn>

*Presence:* [0..1]

*Definition:* Response data to a loyalty service request.

**LoyaltyResponse** <LltyRspn> contains the following **LoyaltyResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		769
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		769
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		770
	<b>Result</b> <Rslt>	[0..*]			770
	<b>Account</b> <Acct>	[1..1]	±		771
	<b>Amount</b> <Amt>	[0..1]			771
	<b>Unit</b> <Unit>	[0..1]	CodeSet		771
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	771
	<b>Amount</b> <Amt>	[1..1]	Amount		772
	<b>ServerData</b> <SvrData>	[0..1]			772
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		772
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		772
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		772
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		773
	<b>Rebates</b> <Rbts>	[0..1]			773
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		773
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		773
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			773
	<b>SaleItem</b> <Saleitm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		774

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 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 2371

### 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
	<b>Account</b> <Acct>	[1..1]	±		771
	<b>Amount</b> <Amt>	[0..1]			771
	<b>Unit</b> <Unit>	[0..1]	CodeSet		771
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	771
	<b>Amount</b> <Amt>	[1..1]	Amount		772
	<b>ServerData</b> <SvrData>	[0..1]			772
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		772
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		772
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		772
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		773
	<b>Rebates</b> <Rbts>	[0..1]			773
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		773
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		773
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			773
	<b>SaleItem</b> <SaleItm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		774

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		771
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	771
	<b>Amount</b> <Amt>	[1..1]	Amount		772

##### 3.4.2.7.4.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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
	<b>LoyaltyServerIdentification</b> <LltySvrId>	[0..1]	Text		772
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		772
	<b>LoyaltyTransactionIdentification</b> <LltyTxId>	[0..1]	±		772
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		773

##### 3.4.2.7.4.3.1 LoyaltyServerIdentification <LltySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

##### 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 2375

##### 3.4.2.7.4.3.3 LoyaltyTransactionIdentification <LltyTxId>

*Presence:* [0..1]

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

**LoyaltyTransactionIdentification <LtyTxld>** contains the following elements (see  
"TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.7.4.3.4 HostReconciliationIdentification <HstRcncldId>

*Presence:* [0..1]

*Definition:* Identifier of a reconciliation period with a payment or loyalty host.

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		773
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		773
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			773
	<b>SaleItem</b> <SaleItm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		774

##### 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 2292

##### 3.4.2.7.4.4.2 RebateLabel <RbtLabl>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

##### 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
	<b>SaleItem</b> <Saleitm>	[1..1]	±		774
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		774

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 3.4.2.8 StoredValueResponse <StordValRspn>

*Presence:* [0..1]

*Definition:* Response data to a Stored Value request.

**StoredValueResponse** <StordValRspn> contains the following **StoredValueResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		780
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		780
	<b>Result</b> <RsIt>	[0..*]			781
	<b>Provider</b> <Prvdr>	[0..1]	Text		787
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		787
	<b>AccountIdentification</b> <AcctId>	[0..1]			787
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		788
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		789
	<b>Identification</b> <Id>	[0..1]	Text		789
	<b>Brand</b> <Brnd>	[0..1]	Text		789
	<b>Provider</b> <Prvdr>	[0..1]	Text		789
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		789
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		790
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		790
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	790
	<b>Balance</b> <Bal>	[0..1]	Amount		791
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			791
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		796
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		796
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		797
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		797
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		798
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		799
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		799
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		800
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		800
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIId>	[1..1]			802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		813
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		813
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		813
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		813
	<b>TransactionDetails</b> <TxDtls>	[1..1]			814
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		819
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AcctpdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtedXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		831

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		831
	<b>SaleItem</b> <SaleItm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		832
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			834
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		836
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		836
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		836
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		837
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		837
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		837
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		837
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		838
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		838
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		838
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			838

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840
	<b>Retry</b> <Rtry>	[0..1]	±		840
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		841
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		841
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>HostTransactionIdentification</b> <HstTxld>	[0..1]	±		842
	<b>Receipt</b> <Rct>	[0..*]			842
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		842
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		843
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		843
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		843

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 3.4.2.8.3 Result <Rslt>

*Presence:* [0..\*]

*Definition:* Result of loading/reloading a stored value card.

**Result <Rslt>** contains the following **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		787
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		787
	<b>AccountIdentification</b> <AcctId>	[0..1]			787
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		788
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		789
	<b>Identification</b> <Id>	[0..1]	Text		789
	<b>Brand</b> <Brnd>	[0..1]	Text		789
	<b>Provider</b> <Prvdr>	[0..1]	Text		789
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		789
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		790
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		790
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	790
	<b>Balance</b> <Bal>	[0..1]	Amount		791
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			791
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		796
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		796
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		797
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		797
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		798
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		799
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		799
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		800
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		800
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIId>	[1..1]			802
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		813
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		813
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		813
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		813
	<b>TransactionDetails</b> <TxDtls>	[1..1]			814
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		819
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		831
	<b>ProductCodeSetIdentification</b> <PdctCdSetld>	[0..1]	Text		831
	<b>SaleItem</b> <Saleitm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		832
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			834
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		836
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		836
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		836
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		837
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		837
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		837
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		837
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		838
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		838
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		838
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			838
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Retry</b> <Rtry>	[0..1]	±		840
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		841
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		841
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		841
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	841
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		842

#### 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 2371

#### 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 2356

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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		788
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		789
	<b>Identification</b> <Id>	[0..1]	Text		789
	<b>Brand</b> <Brnd>	[0..1]	Text		789
	<b>Provider</b> <Prvdr>	[0..1]	Text		789
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		789
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		790
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		790
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	790
	<b>Balance</b> <Bal>	[0..1]	Amount		791

### 3.4.2.8.3.3.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 3.4.2.8.3.3.2 IdentificationType <IdTp>

*Presence:* [0..1]

*Definition:* Type of identification for this Stored Value Account.

*Datatype:* "CardIdentificationType1Code" on page 2313

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.

#### 3.4.2.8.3.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.8.3.3.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.8.3.3.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.8.3.3.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 3.4.2.8.3.3.7 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the account of card.

*Datatype:* "Max10Text" on page 2369

#### 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 2312

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.)

#### 3.4.2.8.3.3.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **3.4.2.8.3.4 OriginalPOITransaction <OrgnIPOITx>**

*Presence:* [0..1]

*Definition:* Identification of a previous POI transaction.

**OriginalPOITransaction** <OrgnlPOITx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		796
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		796
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		797
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		797
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		798
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		799
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		799
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		800
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		800
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			800
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIID>	[1..1]			802
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		809

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		812
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		813
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		813
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		813
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		813
	<b>TransactionDetails</b> <TxDtls>	[1..1]			814
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		819
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtedXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		831
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		831
	<b>SaleItem</b> <Saleitm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		832
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			834
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		836
	<b>CustomerOrder</b> <CstmrOrdrr>	[0..1]	±		836
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		836
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		837
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		837
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		837
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		837
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		838
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		838
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		838
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			838
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840
	<b>Retry</b> <Rtry>	[0..1]	±		840
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841

#### 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 2366):

- *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 2337

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.

#### 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLv/ >	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 3.4.2.8.3.4.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 3.4.2.8.3.4.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.8.3.4.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		802
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		802
	<b>POIIdentification</b> <POIID>	[1..1]			802
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			804
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		812

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		803
	<b>Type</b> <Tp>	[0..1]	CodeSet		803
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		803
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		804

#### 3.4.2.8.3.4.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 3.4.2.8.3.4.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 3.4.2.8.3.4.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 3.4.2.8.3.4.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		806
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		806
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			806
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			812

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		812

#### 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 2319

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 2371

#### 3.4.2.8.3.4.11.4.3 ConversionDetails <ConvDsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvSDtls>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslid>	[0..1]	Text		808
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			808
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		809
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		809
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		809
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		809
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		809
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		809
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			809
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			810
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			811
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			812
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			812
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		812

### 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 2371

### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	808
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		808
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		808
	<b>Name</b> <Nm>	[0..1]	Text		808

### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

### 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 2366

### 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 2371

#### **3.4.2.8.3.4.11.4.3.3 ResultingAmount <RsltgAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	810
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		810
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		810
	<b>Name</b> <Nm>	[0..1]	Text		810

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		811
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		811

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		811
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		811
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		811

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		812
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		812

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

#### **3.4.2.8.3.4.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	817
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		817
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		817
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		817
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		817
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		818
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		818
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		818
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		818
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		818
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		819
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		819
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			820
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		828
	<b>Instalment</b> <Instlmt>	[0..*]	±		829
	<b>Recurring</b> <Rcrng>	[0..1]	±		830
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		831
	<b>ProductCodeSetIdentification</b> <PdctCdSetld>	[0..1]	Text		831
	<b>SaleItem</b> <Saleitm>	[0..*]	±		831
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		832
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		832
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		832
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		832
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		833
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			833
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		834

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 3.4.2.8.3.4.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 3.4.2.8.3.4.16.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2364

#### 3.4.2.8.3.4.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		822
	<b>Conversion</b> <Convs>	[0..1]			822
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		828

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		824
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			824
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		825
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		825
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		825
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		825
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		825
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		825
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			825
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			826
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			827
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			828
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			828
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		828

### 3.4.2.8.3.4.16.13.2.1 CurrencyConversionIdentification <CcyConvId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	824
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		824
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		824
	<b>Name</b> <Nm>	[0..1]	Text		824

#### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	826
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		826
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		826
	<b>Name</b> <Nm>	[0..1]	Text		826

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		827
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		827

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		827
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		827
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		827

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		828
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		828

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 3.4.2.8.3.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		833
	<b>Value</b> <Val>	[0..1]	Binary		833
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		833
	<b>Type</b> <Tp>	[0..1]	Text		834

##### 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 2368

##### 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 2292

##### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		834
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			835
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		836

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		835
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		835
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		836

#### 3.4.2.8.3.4.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2344

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 2371

### 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 2369

### 3.4.2.8.3.4.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

### 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 2373

### 3.4.2.8.3.4.19 CustomerOrder <CstmrOrd>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrd>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 3.4.2.8.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 3.4.2.8.3.4.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 3.4.2.8.3.4.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 3.4.2.8.3.4.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		838
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		839
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		840
	<b>Retry</b> <Rtry>	[0..1]	±		840
	<b>TimeCondition</b> <TmCond>	[0..1]	±		841

##### 3.4.2.8.3.4.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

### 3.4.2.8.3.4.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 3.4.2.8.3.4.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 3.4.2.8.3.4.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3"](#) on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 3.4.2.8.3.4.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6"](#) on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 3.4.2.8.3.5 ProductCode <PdctCd>

*Presence:* [0..1]

*Definition:* Product code of item purchased with the transaction.

*Datatype:* ["Max35Text"](#) on page 2371

#### 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 2371

#### 3.4.2.8.3.7 ItemAmount <ItmAmt>

*Presence:* [0..1]

*Definition:* Total amount of the item line.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 2292

#### 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 2295

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 3.4.2.8.4 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Customer or Merchant payment receipt.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		842
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		843
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		843
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		843

#### 3.4.2.8.4.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.

CodeName	Name	Definition
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

#### 3.4.2.8.4.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 3.4.2.8.4.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 3.4.2.8.4.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutputBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

### 3.4.2.9 BatchResponse <BtchRspn>

*Presence:* [0..1]

*Definition:* Content of the Batch Response message.

**BatchResponse <BtchRspn>** contains the following **BatchResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		845
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		846
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			846
	<b>Response</b> <Rspn>	[1..1]	±		847
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		848
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		848
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		848
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		848
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			856
	<b>Account</b> <Acct>	[1..1]	±		856
	<b>Amount</b> <Amt>	[0..1]			857
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858
	<b>ServerData</b> <SvrData>	[0..1]			858
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		859
	<b>Rebates</b> <Rbts>	[0..1]			859
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			859
	<b>SaleItem</b> <SaleItm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		860
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		860

### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.9.3 PerformedTransaction <PrfrmdTx>

*Presence:* [0..\*]

*Definition:* Performed transaction content.

**PerformedTransaction <PrfrmdTx>** contains the following **PerformedTransaction8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	±		847
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		848
	<b>POITransactionIdentification</b> <POITxld>	[0..1]	±		848
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		848
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		848
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			856
	<b>Account</b> <Acct>	[1..1]	±		856
	<b>Amount</b> <Amt>	[0..1]			857
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858
	<b>ServerData</b> <SvrData>	[0..1]			858
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		859
	<b>Rebates</b> <Rbts>	[0..1]			859
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			859
	<b>SaleItem</b> <Saleitm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		860
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		860

#### 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 2184](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2195](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.9.3.4 POIReconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

*Definition:* Identification of the POI reconciliation period.

*Datatype:* ["Max35Text" on page 2371](#)

#### 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 "RetailerPaymentResult8" on page 2003 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTxx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2023
	TransactionIdentification <Txld>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2025
	TransactionIdentification <Txld>	[1..1]	±		2025
	POIIdentification <POIld>	[1..1]			2025
	Identification <ld>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <lssr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApplBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkupDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2035
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtIs>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrtctdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <ApblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkupDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

### 3.4.2.9.3.6 LoyaltyResult <LltyRslt>

Presence: [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Account</b> <Acct>	[1..1]	±		856
	<b>Amount</b> <Amt>	[0..1]			857
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858
	<b>ServerData</b> <SvrData>	[0..1]			858
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		859
	<b>Rebates</b> <Rbts>	[0..1]			859
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			859
	<b>SaleItem</b> <Saleitm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		860

### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <ldTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		857
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	857
	<b>Amount</b> <Amt>	[1..1]	Amount		858

#### 3.4.2.9.3.6.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		858
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		858
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		858
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		859

##### 3.4.2.9.3.6.3.1 LoyaltyServerIdentification <LtySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

##### 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 2375

##### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		859
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		859
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			859
	<b>SaleItem</b> <Saleitm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		860

##### 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 2292

##### 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 2371

##### 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
	<b>SaleItem</b> <Saleitm>	[1..1]	±		860
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		860

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 3.4.2.9.3.7 ReversedAmount <RvsdAmt>

*Presence:* [0..1]

*Definition:* Amount of the payment or loyalty to reverse.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

### 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
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		861
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		861
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		861
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	862
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		862
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		862

#### 3.4.2.10.1 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.10.2 POITransactionIdentification <POITxld>

*Presence:* [1..1]

*Definition:* Unique identification of a POI transaction.

**POITransactionIdentification <POITxld>** contains the following elements (see "TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 3.4.2.10.3 PaymentBrand <PmtBrnd>

*Presence:* [0..\*]

*Definition:* Type of payment card.

*Datatype:* "Max35Text" on page 2371

#### 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 2330

##### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **4        casp.003.001.08          SaleToPOIRconciliationRequestV08**

### **4.1      MessageDefinition Functionality**

The SaleToPOIRconciliationRequest message is sent by a sale system to request for reconciliation between sale and POI systems.

#### Outline

The SaleToPOIRconciliationRequestV08 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]			869
	MessageFunction <MsgFctn>	[1..1]	CodeSet		870
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		870
	ExchangeIdentification <XchgId>	[1..1]	Text		871
	CreationDateTime <CreDtTm>	[1..1]	DateTime		871
	InitiatingParty <InitgPty>	[1..1]	±		871
	RecipientParty <RcptPty>	[0..1]	±		871
	Traceability <Tracblt>	[0..*]	±		872
	ReconciliationRequest <RcncltnReq>	[1..1]			872
	Environment <Envt>	[1..1]	±	C8	875
	Context <Cntxt>	[1..1]		C9	881
	PaymentContext <PmtCntxt>	[0..1]			884
	CardPresent <CardPres>	[0..1]	Indicator		884
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		884
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		885
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		885
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		885
	TransactionChannel <TxChanl>	[0..1]	CodeSet		885
	BusinessArea <BizArea>	[0..1]	CodeSet		886
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		886
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	886
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		887
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		887
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		888
	SaleContext <SaleCntxt>	[0..1]			888
	SaleIdentification <SaleId>	[0..1]	Text		889
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		889
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		890
	CashierIdentification <CshrlId>	[0..1]	Text		890

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	890
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		890
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		890
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		890
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		890
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		891
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			891
	<b>CommonName</b> <CmonNm>	[1..1]	Text		891
	<b>Address</b> <Adr>	[0..1]	Text		891
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		891
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		891
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		891
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		892
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		892
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		892
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		892
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		892
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		893
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		893
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	893
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		894
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		894
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		894
	<b>Debtor</b> <Dbtr>	[0..1]	±		895
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	896
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		896
	<b>Creditor</b> <Cdtr>	[0..1]	±		896
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	897
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		898
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			898
	<b>Debtor</b> <Dbtr>	[0..1]	±		899

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	900
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		901
	<b>Creditor</b> <Cdtr>	[0..1]	±		901
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	902
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		903
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			903
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		904
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		904
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		904
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		904
	<b>ReconciliationRequestData</b> <RcncltnReqData>	[1..1]			904
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		905
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		905
	<b>POIRconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		905
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	905
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		906

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		870
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		870
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		871
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		871
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		871
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		871
	<b>Traceability</b> <Tracblt>	[0..*]	±		872

#### 4.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 4.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 4.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 4.4.2 ReconciliationRequest <RcncltnReq>

*Presence:* [1..1]

*Definition:* Information related to the reconciliation request.

**ReconciliationRequest <RcncltnReq>** contains the following **ReconciliationRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	875
	<b>Context</b> <Cntxt>	[1..1]		C9	881
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			884
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		884
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		884
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		885
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		885
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		885
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		885
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		886
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		886
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	886
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		887
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		887
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		888
	<b>SaleContext</b> <SaleCntxt>	[0..1]			888
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		889
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		889
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		890
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		890
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	890
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		890
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		890
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		890
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		890
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		891
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			891
	<b>CommonName</b> <CmonNm>	[1..1]	Text		891
	<b>Address</b> <Adr>	[0..1]	Text		891
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		891
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		891

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		891
	<b>SplitPayment</b> <SplitPmt>	[0..1]	Indicator		892
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		892
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		892
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		892
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		892
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		893
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		893
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	893
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		894
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		894
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		894
	<b>Debtor</b> <Dbtr>	[0..1]	±		895
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	896
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		896
	<b>Creditor</b> <Cdtr>	[0..1]	±		896
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	897
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		898
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			898
	<b>Debtor</b> <Dbtr>	[0..1]	±		899
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	900
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		901
	<b>Creditor</b> <Cdtr>	[0..1]	±		901
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	902
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		903
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			903
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		904
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		904
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		904
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		904
	<b>ReconciliationRequestData</b> <RcncltnReqData>	[1..1]			904

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		905
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		905
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		905
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	905

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <BklId>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnvtr>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplrtAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			884
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		884
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		884
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		885
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		885
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		885
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		885
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		886
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		886
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	886
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		887
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		887
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		888
	<b>SaleContext</b> <SaleCntxt>	[0..1]			888
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		889
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		889
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		890
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		890
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	890
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		890
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		890
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		890
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		890
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		891
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			891
	<b>CommonName</b> <CmonNm>	[1..1]	Text		891
	<b>Address</b> <Adr>	[0..1]	Text		891
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		891
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		891
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		891
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		892

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		892
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		892
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		892
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		892
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		893
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		893
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	893
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		894
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		894
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		894
	<b>Debtor</b> <Dbtr>	[0..1]	±		895
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	896
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		896
	<b>Creditor</b> <Cdtr>	[0..1]	±		896
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	897
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		898
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			898
	<b>Debtor</b> <Dbtr>	[0..1]	±		899
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	900
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		901
	<b>Creditor</b> <Cdtr>	[0..1]	±		901
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	902
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		903
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			903
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		904
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		904
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		904
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		904

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		884
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		884
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		885
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		885
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		885
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		885
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		886
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		886
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	886
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		887
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		887
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		888

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 <TxEnvt>

*Presence:* [0..1]

*Definition:* Indicates the environment of the transaction.

*Datatype:* "TransactionEnvironment1Code" on page 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		889
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		889
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		890
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		890
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	890
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		890
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		890
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		890
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		890
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		891
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			891
	<b>CommonName</b> <CmonNm>	[1..1]	Text		891
	<b>Address</b> <Adr>	[0..1]	Text		891
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		891
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		891
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		891
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		892
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		892
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		892
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		892
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		892
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		893
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		893

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **4.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **4.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		891
	<b>Address</b> <Adr>	[0..1]	Text		891
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		891
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		891
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		891

##### 4.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 4.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 4.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

#### 4.4.2.2.17 SaleTokenScope <SaleTknScp>

*Presence:* [0..1]

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

*Datatype:* "SaleTokenScope1Code" on page 2355

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

#### 4.4.2.2.18 AdditionalSaleData <AddtlSaleData>

*Presence:* [0..1]

*Definition:* Additional information associated with the sale transaction.

*Datatype:* "Max70Text" on page 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		894
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		894
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		894
	<b>Debtor</b> <Dbtr>	[0..1]	±		895
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	896
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		896
	<b>Creditor</b> <Cdtr>	[0..1]	±		896
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	897
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		898

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>Debtor &lt;Dbtr&gt;</b>	[0..1]	±		899
	<b>DebtorAccount &lt;DbtrAcct&gt;</b>	[0..1]	±	C7, C6	900
	<b>ProtectedDebtorAccount &lt;PrctcdDbtrAcct&gt;</b>	[0..1]	±		901
	<b>Creditor &lt;Cdtr&gt;</b>	[0..1]	±		901
	<b>CreditorAccount &lt;CdtrAcct&gt;</b>	[0..1]	±	C7, C6	902
	<b>ProtectedCreditorAccount &lt;PrctcdCdtrAcct&gt;</b>	[0..1]	±		903
	<b>MandateRelatedInformation &lt;MndtRltdInf&gt;</b>	[1..1]			903
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		904
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		904
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		904
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		904

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		904
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		904
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		904
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		904

#### 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 2371

#### 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 2364

#### 4.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>ReconciliationType &lt;RcncltnTp&gt;</b>	[1..1]	CodeSet		905
	<b>AcquirerIdentification &lt;Acqrrld&gt;</b>	[0..1]	Text		905
	<b>POIReconciliationIdentification &lt;POIRcncltnId&gt;</b>	[0..1]	Text		905

#### 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 2342

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 2371

#### 4.4.2.3.3 POIReconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **5      casp.004.001.08**

## **SaleToPOIRconciliationResponseV08**

### **5.1      MessageDefinition Functionality**

The SaleToPOIRconciliationResponse message is sent by a POI to provide the result of reconciliation process between sale and POI systems.

#### Outline

The SaleToPOIRconciliationResponseV08 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]			912
	MessageFunction <MsgFctn>	[1..1]	CodeSet		913
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		914
	ExchangeIdentification <XchgId>	[1..1]	Text		914
	CreationDateTime <CreDtTm>	[1..1]	DateTime		914
	InitiatingParty <InitgPty>	[1..1]	±		914
	RecipientParty <RcptPty>	[0..1]	±		915
	Traceability <Tracblt>	[0..*]	±		916
	ReconciliationResponse <RcncltnRspn>	[1..1]			916
	Environment <Envt>	[1..1]	±	C8	920
	Context <Cntxt>	[1..1]		C9	926
	PaymentContext <PmtCntxt>	[0..1]			929
	CardPresent <CardPres>	[0..1]	Indicator		929
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		929
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		930
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		930
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		930
	TransactionChannel <TxChanl>	[0..1]	CodeSet		930
	BusinessArea <BizArea>	[0..1]	CodeSet		931
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		931
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	931
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		932
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		932
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		933
	SaleContext <SaleCntxt>	[0..1]			933
	SaleIdentification <SaleId>	[0..1]	Text		934
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		934
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		935
	CashierIdentification <CshrlId>	[0..1]	Text		935

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	935
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		935
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		935
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		935
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		935
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		936
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			936
	<b>CommonName</b> <CmonNm>	[1..1]	Text		936
	<b>Address</b> <Adr>	[0..1]	Text		936
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		936
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		936
	<b>RegisteredIdentifier</b> <Reglddr>	[1..1]	Text		936
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		937
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		937
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		937
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		937
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		937
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		938
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		938
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	938
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		939
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		939
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		939
	<b>Debtor</b> <Dbtr>	[0..1]	±		940
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	941
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		941
	<b>Creditor</b> <Cdtr>	[0..1]	±		941
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	942
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		943
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			943
	<b>Debtor</b> <Dbtr>	[0..1]	±		944

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	945
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		946
	<b>Creditor</b> <Cdtr>	[0..1]	±		946
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	947
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		948
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			948
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		949
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		949
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		949
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		949
	<b>ReconciliationResponseData</b> <RcncltnRspnData>	[1..1]			949
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		951
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		951
	<b>TransactionTotals</b> <TxTtls>	[0..*]			951
	<b>PaymentInstrumentType</b> <PmtInstrmTp>	[1..1]	CodeSet		953
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		953
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		953
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		953
	<b>Brand</b> <Brnd>	[0..1]	Text		954
	<b>POIIdentification</b> <POIId>	[0..1]	Text		954
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		954
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		954
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		954
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			954
	<b>CommonName</b> <CmonNm>	[1..1]	Text		954
	<b>Address</b> <Adr>	[0..1]	Text		955
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		955
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		955
	<b>RegisteredIdentifier</b> <RegldId>	[1..1]	Text		955
	<b>TransactionTotal</b> <TxTtl>	[1..1]			955
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		955

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		956
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	956
	<b>Type</b> <Tp>	[1..1]	CodeSet		956
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		956
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		957
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		957
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			957
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		957
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		958
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		958
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	958
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		958
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		959
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		959
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		959
	<b>Response</b> <Rspn>	[1..1]	±		959
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	960
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		960

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		913
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		914
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		914
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		914
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		914
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		915
	<b>Traceability</b> <Tracblt>	[0..*]	±		916

#### 5.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 5.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 5.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 5.4.2 ReconciliationResponse <RcncltnRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of a reconciliation request.

**ReconciliationResponse <RcncltnRspn>** contains the following **ReconciliationResponse11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	920
	<b>Context</b> <Cntxt>	[1..1]		C9	926
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			929
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		929
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		929
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		930
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		930
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		930
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		930
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		931
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		931
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	931
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		932
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		932
	<b>SupportedOption</b> <SpprtOptn>	[0..*]	CodeSet		933
	<b>SaleContext</b> <SaleCntxt>	[0..1]			933
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		934
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		934
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		935
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		935
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	935
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		935
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		935
	<b>PurchaseOrderNumber</b> <PurchsOrdNb>	[0..1]	Text		935
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		935
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		936
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			936
	<b>CommonName</b> <CmonNm>	[1..1]	Text		936
	<b>Address</b> <Adr>	[0..1]	Text		936
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		936

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		936
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		936
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		937
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		937
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		937
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		937
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		937
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		938
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		938
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	938
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		939
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		939
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		939
	<b>Debtor</b> <Dbtr>	[0..1]	±		940
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	941
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		941
	<b>Creditor</b> <Cdtr>	[0..1]	±		941
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	942
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		943
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			943
	<b>Debtor</b> <Dbtr>	[0..1]	±		944
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	945
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		946
	<b>Creditor</b> <Cdtr>	[0..1]	±		946
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	947
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		948
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			948
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		949
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		949
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		949
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		949

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReconciliationResponseData</b> <RcncltnRspnData>	[1..1]			949
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		951
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		951
	<b>TransactionTotals</b> <TxTtls>	[0..*]			951
	<b>PaymentInstrumentType</b> <PmtlnstrmTp>	[1..1]	CodeSet		953
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		953
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		953
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		953
	<b>Brand</b> <Brnd>	[0..1]	Text		954
	<b>POIIdentification</b> <POIId>	[0..1]	Text		954
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		954
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		954
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		954
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			954
	<b>CommonName</b> <CmonNm>	[1..1]	Text		954
	<b>Address</b> <Adr>	[0..1]	Text		955
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		955
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		955
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		955
	<b>TransactionTotal</b> <TxTtl>	[1..1]			955
	<b>POIGrouplIdentification</b> <POIGrpId>	[0..1]	Text		955
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		956
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	956
	<b>Type</b> <Tp>	[1..1]	CodeSet		956
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		956
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		957
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		957
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			957
	<b>POIGrouplIdentification</b> <POIGrpId>	[0..1]	Text		957
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		958
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	958
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		958
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		959
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		959
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		959
	<b>Response</b> <Rspn>	[1..1]	±		959
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	960

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			929
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		929
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		929
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		930
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		930
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		930
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		930
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		931
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		931
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	931
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		932
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		932
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		933
	<b>SaleContext</b> <SaleCntxt>	[0..1]			933
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		934
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		934
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		935
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		935
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	935
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		935
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		935
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		935
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		935
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		936
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			936
	<b>CommonName</b> <CmonNm>	[1..1]	Text		936
	<b>Address</b> <Adr>	[0..1]	Text		936
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		936
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		936
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		936
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		937

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		937
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		937
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		937
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		937
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		938
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		938
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	938
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		939
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		939
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		939
	<b>Debtor</b> <Dbtr>	[0..1]	±		940
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	941
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		941
	<b>Creditor</b> <Cdtr>	[0..1]	±		941
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	942
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		943
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			943
	<b>Debtor</b> <Dbtr>	[0..1]	±		944
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	945
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		946
	<b>Creditor</b> <Cdtr>	[0..1]	±		946
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	947
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		948
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			948
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		949
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		949
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		949
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		949

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		929
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		929
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		930
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		930
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		930
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		930
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		931
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		931
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	931
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		932
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		932
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		933

#### 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 2366):

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

#### 5.4.2.2.1.2 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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 <AttndntMsgCpbl>

*Presence:* [0..1]

*Definition:* Indicates whether a message can be sent or not on an attendant display (attendant display present or not).

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 5.4.2.2.1.9 AttendantLanguage <AttndntLang>

*Presence:* [0..1]

*Definition:* Language used to display messages to the attendant.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		934
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		934
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		935
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		935
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	935
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		935
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		935
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		935
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		935
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		936
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			936
	<b>CommonName</b> <CmonNm>	[1..1]	Text		936
	<b>Address</b> <Adr>	[0..1]	Text		936
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		936
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		936
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		936
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		937
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		937
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		937
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		937
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		937
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		938
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		938

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **5.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **5.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		936
	<b>Address</b> <Adr>	[0..1]	Text		936
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		936
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		936
	<b>RegisteredIdentifier</b> <RegIdldr>	[1..1]	Text		936

##### 5.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 5.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 5.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 5.4.2.2.2.11.5 RegisteredIdentifier <RegIdldr>

*Presence:* [1..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		939
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		939
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		939
	<b>Debtor</b> <Dbtr>	[0..1]	±		940
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	941
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		941
	<b>Creditor</b> <Cdtr>	[0..1]	±		941
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	942
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		943

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		944
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	945
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		946
	<b>Creditor</b> <Cdtr>	[0..1]	±		946
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	947
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		948
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			948
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		949
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		949
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		949
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		949

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		949
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		949
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		949
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		949

#### 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 2371

#### 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 2364

#### 5.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		951
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		951
	<b>TransactionTotals</b> <TxTtls>	[0..*]			951
	<b>PaymentInstrumentType</b> <PmtInstrmTp>	[1..1]	CodeSet		953
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		953
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		953
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		953
	<b>Brand</b> <Brnd>	[0..1]	Text		954
	<b>POIIdentification</b> <POIId>	[0..1]	Text		954
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		954
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		954
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		954
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			954
	<b>CommonName</b> <CmonNm>	[1..1]	Text		954
	<b>Address</b> <Adr>	[0..1]	Text		955
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		955
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		955
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		955
	<b>TransactionTotal</b> <TxTtl>	[1..1]			955
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		955
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		956
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	956
	<b>Type</b> <Tp>	[1..1]	CodeSet		956
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		956
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		957
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		957
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			957
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		957
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		958
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	958
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		958
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		959
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		959
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		959

#### 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 2342

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 2371

#### 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
	<b>PaymentInstrumentType</b> <PmtInstmTp>	[1..1]	CodeSet		953
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		953
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		953
	<b>SaleReconciliationIdentification</b> <SaleRcncltnld>	[0..1]	Text		953
	<b>Brand</b> <Brnd>	[0..1]	Text		954
	<b>POIIdentification</b> <POIld>	[0..1]	Text		954
	<b>SaleIdentification</b> <Saleld>	[0..1]	Text		954
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		954
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		954
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			954
	<b>CommonName</b> <CmonNm>	[1..1]	Text		954
	<b>Address</b> <Adr>	[0..1]	Text		955
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		955
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		955
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		955
	<b>TransactionTotal</b> <TxTtl>	[1..1]			955
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		955
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		956
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	956
	<b>Type</b> <Tp>	[1..1]	CodeSet		956
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		956
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		957
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		957
	<b>LoyaltyTransactionTotal</b> <LtyTxTtl>	[0..*]			957
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		957
	<b>LoyaltyUnit</b> <LtyUnit>	[0..1]	CodeSet		958
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		958
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	958
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		958
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		959
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		959

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		959

#### 5.4.2.3.3.1 PaymentInstrumentType <PmtlnstrmTp>

*Presence:* [1..1]

*Definition:* Type of payment instrument.

*Datatype:* "PaymentInstrumentType2Code" on page 2337

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 2371

#### 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 2371

#### 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 2371

#### 5.4.2.3.3.5 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand of payment card or loyalty system.

*Datatype:* "Max35Text" on page 2371

#### 5.4.2.3.3.6 POIIDentification <POIID>

*Presence:* [0..1]

*Definition:* Identifier of the POI system performing a reconciliation.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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 2371

#### 5.4.2.3.3.9 ShiftNumber <ShftNb>

*Presence:* [0..1]

*Definition:* Identifies the shift of the cashier.

*Datatype:* "Max2NumericText" on page 2370

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		954
	<b>Address</b> <Adr>	[0..1]	Text		955
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		955
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		955
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		955

##### 5.4.2.3.3.10.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

#### 5.4.2.3.3.10.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

#### 5.4.2.3.3.10.3 CountryCode <CtrCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

#### 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 2375

#### 5.4.2.3.3.10.5 RegisteredIdentifier <RegIdIdr>

*Presence:* [1..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		955
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		956
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	956
	<b>Type</b> <Tp>	[1..1]	CodeSet		956
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		956
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		957
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		957

##### 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 2371

#### 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 2371

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2361

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 2366

#### 5.4.2.3.3.11.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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		957
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		958
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		958
	Currency <Ccy>	[0..1]	CodeSet	C1	958
	TransactionType <TxTp>	[1..1]	CodeSet		958
	TotalNumber <TtlNb>	[1..1]	Quantity		959
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		959
	DetailedAmount <DtldAmt>	[0..1]	±		959

#### 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 2371

#### 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 2305

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 2371

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2332

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 2366

#### 5.4.2.3.3.12.7 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **6        casp.005.001.08          SaleToPOISessionManagementRequestV08**

### **6.1      MessageDefinition Functionality**

The SaleToPOISessionManagementRequest message is sent by a sale system to select an administrative service related to session management.

#### Outline

The SaleToPOISessionManagementRequestV08 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]			
	<b>Header</b> <Hdr>	[1..1]			966
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		966
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		967
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		967
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		967
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		968
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		968
	<b>Traceability</b> <Tracblt>	[0..*]	±		969
	<b>SessionManagementRequest</b> <SsnMgmtReq>	[1..1]			969
	<b>Environment</b> <Envt>	[1..1]	±	C8	972
	<b>Context</b> <Cntxt>	[1..1]		C9	978
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			981
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		981
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		981
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		982
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		982
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		982
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		982
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		983
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		983
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	983
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		984
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		984
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		985
	<b>SaleContext</b> <SaleCntxt>	[0..1]			985
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		986
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		986
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		987
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		987

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	987
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		987
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		987
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		987
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		987
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		988
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			988
	<b>CommonName</b> <CmonNm>	[1..1]	Text		988
	<b>Address</b> <Adr>	[0..1]	Text		988
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		988
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		988
	<b>RegisteredIdentifier</b> <Reglddr>	[1..1]	Text		988
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		989
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		989
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		989
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		989
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		989
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		990
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		990
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	990
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		991
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		991
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		991
	<b>Debtor</b> <Dbtr>	[0..1]	±		992
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	993
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		993
	<b>Creditor</b> <Cdtr>	[0..1]	±		993
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	994
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		995
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			995
	<b>Debtor</b> <Dbtr>	[0..1]	±		996

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	997
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		998
	<b>Creditor</b> <Cdtr>	[0..1]	±		998
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	999
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1000
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1000
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1001
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1001
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1001
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1001
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1001
	<b>LoginRequest</b> <LgnReq>	[0..1]			1002
	<b>LoginDateTime</b> <LgnDtTm>	[1..1]	DateTime		1002
	<b>SaleSoftware</b> <SaleSftwr>	[1..*]	±		1003
	<b>SaleTerminalData</b> <SaleTermnlData>	[0..1]			1005
	<b>TerminalEnvironment</b> <TermnlEnvnt>	[0..1]	CodeSet		1006
	<b>SaleReconciliationIdentification</b> <SaleRcnclnId>	[0..1]	Text		1006
	<b>TrainingModeFlag</b> <TrngMdFlg>	[0..1]	Indicator		1006
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1006
	<b>CashierLanguage</b> <CshrLang>	[1..1]	CodeSet	C12	1006
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1006
	<b>TokenRequestedType</b> <TknReqdTp>	[0..1]	CodeSet		1007
	<b>CustomerOrderRequest</b> <CstmrOrdrrReq>	[0..1]	CodeSet		1007
	<b>POIIdentification</b> <POIId>	[0..1]			1007
	<b>ItemNumber</b> <ItmNb>	[0..1]	Text		1007
	<b>ProviderIdentification</b> <PrvdrId>	[0..1]	Text		1008
	<b>Identification</b> <Id>	[0..1]	Text		1008
	<b>SerialNumber</b> <SrlNb>	[0..1]	Text		1008
	<b>TotalsGroupIdentification</b> <TtlsGrpld>	[0..1]	Text		1008
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1008
	<b>LogoutRequest</b> <LgtReq>	[0..1]			1009

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaintenanceAllowed</b> <MntncAllwd>	[0..1]	Indicator		1009
	<b>DiagnosisRequest</b> <DgnssReq>	[0..1]			1009
	<b>HostDiagnosisFlag</b> <HstDgnssFlg>	[0..1]	Indicator		1010
	<b>AcquirerIdentification</b> <Acqrrld>	[0..*]	Text		1010
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1010
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1010

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		966
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		967
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		967
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		967
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		968
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		968
	<b>Traceability</b> <Tracblt>	[0..*]	±		969

#### 6.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 6.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 6.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 6.4.2 SessionManagementRequest <SsnMgmtReq>

*Presence:* [1..1]

*Definition:* Information related to the session management request.

**SessionManagementRequest <SsnMgmtReq>** contains the following  
**SessionManagementRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	972
	<b>Context</b> <Cntxt>	[1..1]		C9	978
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			981
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		981
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		981
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		982
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		982
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		982
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		982
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		983
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		983
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	983
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		984
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		984
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		985
	<b>SaleContext</b> <SaleCntxt>	[0..1]			985
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		986
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		986
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		987
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		987
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	987
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		987
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		987
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		987
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		987
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		988
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			988
	<b>CommonName</b> <CmonNm>	[1..1]	Text		988
	<b>Address</b> <Adr>	[0..1]	Text		988
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		988

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		988
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		988
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		989
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		989
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		989
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		989
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		989
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		990
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		990
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	990
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		991
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		991
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		991
	<b>Debtor</b> <Dbtr>	[0..1]	±		992
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	993
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		993
	<b>Creditor</b> <Cdtr>	[0..1]	±		993
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	994
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		995
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			995
	<b>Debtor</b> <Dbtr>	[0..1]	±		996
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	997
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		998
	<b>Creditor</b> <Cdtr>	[0..1]	±		998
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	999
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1000
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1000
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1001
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1001
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1001
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1001

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1001
	<b>LoginRequest</b> <LgnReq>	[0..1]			1002
	<b>LoginDateTime</b> <LgnDtTm>	[1..1]	DateTime		1002
	<b>SaleSoftware</b> <SaleSftwr>	[1..*]	±		1003
	<b>SaleTerminalData</b> <SaleTermnlData>	[0..1]			1005
	<b>TerminalEnvironment</b> <TermnlEnv>	[0..1]	CodeSet		1006
	<b>SaleReconciliationIdentification</b> <SaleRcncltnld>	[0..1]	Text		1006
	<b>TrainingModeFlag</b> <TrngMdFlg>	[0..1]	Indicator		1006
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		1006
	<b>CashierLanguage</b> <CshrLang>	[1..1]	CodeSet	C12	1006
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1006
	<b>TokenRequestedType</b> <TknReqdTp>	[0..1]	CodeSet		1007
	<b>CustomerOrderRequest</b> <CstmrOrdRReq>	[0..1]	CodeSet		1007
	<b>POIIdentification</b> <POIld>	[0..1]			1007
	<b>ItemNumber</b> <ItmNb>	[0..1]	Text		1007
	<b>ProviderIdentification</b> <Prvdrld>	[0..1]	Text		1008
	<b>Identification</b> <Id>	[0..1]	Text		1008
	<b>SerialNumber</b> <SrlNb>	[0..1]	Text		1008
	<b>TotalsGroupIdentification</b> <TtlsGrpld>	[0..1]	Text		1008
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1008
	<b>LogoutRequest</b> <LgtReq>	[0..1]			1009
	<b>MaintenanceAllowed</b> <MntncAllwd>	[0..1]	Indicator		1009
	<b>DiagnosisRequest</b> <DgnssReq>	[0..1]			1009
	<b>HostDiagnosisFlag</b> <HstDgnssFlg>	[0..1]	Indicator		1010
	<b>AcquirerIdentification</b> <Acqrrld>	[0..*]	Text		1010
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1010

#### 6.4.2.1 Environment <Env>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

*Impacted by:* C8 "OneElementPresenceRule"

**Environment <Envt>** contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			981
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		981
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		981
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		982
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		982
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		982
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		982
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		983
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		983
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	983
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		984
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		984
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		985
	<b>SaleContext</b> <SaleCntxt>	[0..1]			985
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		986
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		986
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		987
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		987
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	987
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		987
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		987
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		987
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		987
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		988
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			988
	<b>CommonName</b> <CmonNm>	[1..1]	Text		988
	<b>Address</b> <Adr>	[0..1]	Text		988
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		988
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		988
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		988
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		989
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		989
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		989
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		989
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		990
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		990
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	990
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		991
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		991
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		991
	<b>Debtor</b> <Dbtr>	[0..1]	±		992
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	993
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		993
	<b>Creditor</b> <Cdtr>	[0..1]	±		993
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	994
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		995
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			995
	<b>Debtor</b> <Dbtr>	[0..1]	±		996
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	997
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		998
	<b>Creditor</b> <Cdtr>	[0..1]	±		998
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	999
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1000
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1000
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1001
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1001
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1001
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1001

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		981
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		981
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		982
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		982
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		982
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		982
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		983
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		983
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	983
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		984
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		984
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		985

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		986
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		986
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		987
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		987
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	987
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		987
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		987
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		987
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		987
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		988
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			988
	<b>CommonName</b> <CmonNm>	[1..1]	Text		988
	<b>Address</b> <Adr>	[0..1]	Text		988
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		988
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		988
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		988
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		989
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		989
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		989
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		989
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		989
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		990
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		990

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **6.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **6.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		988
	<b>Address</b> <Adr>	[0..1]	Text		988
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		988
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		988
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		988

##### 6.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 6.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 6.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		991
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		991
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		991
	<b>Debtor</b> <Dbtr>	[0..1]	±		992
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	993
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		993
	<b>Creditor</b> <Cdtr>	[0..1]	±		993
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	994
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		995

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		996
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	997
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		998
	<b>Creditor</b> <Cdtr>	[0..1]	±		998
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	999
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1000
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1000
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1001
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1001
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1001
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1001

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1001
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1001
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1001
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1001

#### 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 2371

#### 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 2364

#### 6.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 6.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service requested.

*Datatype:* "RetailerService4Code" on page 2351

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 **LoginRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LoginDateTime</b> <LgnDtTm>	[1..1]	DateTime		1002
	<b>SaleSoftware</b> <SaleSftwr>	[1..*]	±		1003
	<b>SaleTerminalData</b> <SaleTermnlData>	[0..1]			1005
	<b>TerminalEnvironment</b> <TermnlEnvnt>	[0..1]	CodeSet		1006
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1006
	<b>TrainingModeFlag</b> <TrngMdFlg>	[0..1]	Indicator		1006
	<b>CashierIdentification</b> <Cshrld>	[0..1]	Text		1006
	<b>CashierLanguage</b> <CshrLang>	[1..1]	CodeSet	C12	1006
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1006
	<b>TokenRequestedType</b> <TknReqdTp>	[0..1]	CodeSet		1007
	<b>CustomerOrderRequest</b> <CstmrOrdrrReq>	[0..1]	CodeSet		1007
	<b>POIIdentification</b> <POIId>	[0..1]			1007
	<b>ItemNumber</b> <ItmNb>	[0..1]	Text		1007
	<b>ProviderIdentification</b> <Prvdrld>	[0..1]	Text		1008
	<b>Identification</b> <Id>	[0..1]	Text		1008
	<b>SerialNumber</b> <SrlNb>	[0..1]	Text		1008
	<b>TotalsGroupIdentification</b> <TtlsGrpld>	[0..1]	Text		1008
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1008

##### 6.4.2.4.1 LoginDateTime <LgnDtTm>

*Presence:* [1..1]

*Definition:* Date and Time of Login.

*Datatype:* "ISODateTime" on page 2364

#### **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 "PointOfInteractionComponent18" on page 2094 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 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
	<b>TerminalEnvironment</b> <TermnlEnvnt>	[0..1]	CodeSet		1006
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1006

#### 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 2305

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 <SaleRcncldId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2366):

- *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 2371

#### 6.4.2.4.6 CashierLanguage <CshrLang>

*Presence:* [1..1]

*Definition:* Language of the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### 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 2370

#### 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 2355

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 2319

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
	<b>ItemNumber</b> <ItmNb>	[0..1]	Text		1007
	<b>ProviderIdentification</b> <PrvdrlId>	[0..1]	Text		1008
	<b>Identification</b> <Id>	[0..1]	Text		1008
	<b>SerialNumber</b> <SrlNb>	[0..1]	Text		1008

##### 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 2371

#### **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 2371

#### **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 2370

#### **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 2370

#### **6.4.2.4.11 TotalsGroupIdentification <TtlsGrpId>**

*Presence:* [0..1]

*Definition:* Default group identification for transaction consolidation (Totals).

*Datatype:* "Max35Text" on page 2371

#### **6.4.2.4.12 OutputDisplay <OutptDisp>**

*Presence:* [0..1]

*Definition:* Message to be displayed.

**OutputDisplay <OutptDisp>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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
	<b>MaintenanceAllowed</b> <MntncAllwd>	[0..1]	Indicator		1009

##### 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 2366):

- *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
	<b>HostDiagnosisFlag</b> <HstDgnssFlg>	[0..1]	Indicator		1010
	<b>AcquirerIdentification</b> <Acqrrld>	[0..*]	Text		1010

#### 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 2366](#)):

- *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 2371](#)

#### 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 2190](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **7      casp.006.001.08**

## **SaleToPOISessionManagementResponseV08**

### **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 SaleToPOISessionManagementResponseV08 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]			1017
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1017
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1018
	ExchangeIdentification <XchgId>	[1..1]	Text		1018
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1019
	InitiatingParty <InitgPty>	[1..1]	±		1019
	RecipientParty <RcptPty>	[0..1]	±		1019
	Traceability <Tracblt>	[0..*]	±		1020
	SessionManagementResponse <SsnMgmtRspn>	[1..1]			1020
	Environment <Envt>	[1..1]	±	C8	1023
	Context <Cntxt>	[1..1]		C9	1030
	PaymentContext <PmtCntxt>	[0..1]			1033
	CardPresent <CardPres>	[0..1]	Indicator		1033
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1033
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1034
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		1034
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1034
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1034
	BusinessArea <BizArea>	[0..1]	CodeSet		1035
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1035
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1035
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1036
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1036
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1037
	SaleContext <SaleCntxt>	[0..1]			1037
	SaleIdentification <SaleId>	[0..1]	Text		1038
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1038
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1039
	CashierIdentification <CshrId>	[0..1]	Text		1039

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1039
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1039
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1039
	<b>PurchaseOrderNumber</b> <PurchsOrdNb>	[0..1]	Text		1039
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1039
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1040
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1040
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1040
	<b>Address</b> <Adr>	[0..1]	Text		1040
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1040
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1040
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1040
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1041
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1041
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1041
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1041
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1041
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1042
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1042
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1042
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1043
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1043
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1043
	<b>Debtor</b> <Dbtr>	[0..1]	±		1044
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1045
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1045
	<b>Creditor</b> <Cdtr>	[0..1]	±		1045
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1046
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1047
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1047
	<b>Debtor</b> <Dbtr>	[0..1]	±		1048

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1049
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1050
	<b>Creditor</b> <Cdtr>	[0..1]	±		1050
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1051
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1052
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1052
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1053
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1053
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1053
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1053
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1053
	<b>LoginResponse</b> <LgnRspn>	[0..1]			1054
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1054
	<b>POISoftware</b> <POISftwr>	[1..*]	±		1054
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1056
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1057
	<b>DiagnosisResponse</b> <DgnssRspn>	[0..1]			1058
	<b>LoggedSaleIdentification</b> <LggdSaleId>	[0..*]	Text		1059
	<b>POIStatus</b> <POISts>	[0..1]			1059
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1060
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		1061
	<b>POIGroupIdentification</b> <POIGrpld>	[0..*]	Text		1063
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1063
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1064
	<b>DataSetRequired</b> <DataSetReqrd>	[0..*]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>POIChallenge</b> <POIChllng>	[0..1]	Binary		1064
	<b>TMChallenge</b> <TMChllng>	[0..1]	Binary		1065
	<b>SessionKey</b> <SsnKey>	[0..1]	±		1065
	<b>DelegationProof</b> <DlgtProof>	[0..1]	Binary		1066
	<b>ProtectedDelegationProof</b> <PrctcdDlgtProof>	[0..1]	±		1067

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Event</b> <Evt>	[0..*]	±		1067
	<b>Errors</b> <Errs>	[0..*]	Text		1067
	<b>HostStatus</b> <HstSts>	[0..*]			1067
	<b>AcquirerIdentification</b> <AcqrId>	[1..1]	Text		1068
	<b>Reachable</b> <Rchbl>	[0..1]	Indicator		1068
	<b>Response</b> <Rspn>	[1..1]	±		1068
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1068
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1069

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1017
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1018
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1018
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1019
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1019
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1019
	<b>Traceability</b> <Tracblt>	[0..*]	±		1020

#### 7.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 7.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 7.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 7.4.2 SessionManagementResponse <SsnMgmtRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of a session management request.

**SessionManagementResponse <SsnMgmtRspn>** contains the following  
**SessionManagementResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envnt>	[1..1]	±	C8	1023
	<b>Context</b> <Cntxt>	[1..1]		C9	1030
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1033
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1033
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1033
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1034
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1034
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1034
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1034
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1035
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1035
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1035
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1036
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1036
	<b>SupportedOption</b> <SpprtOptn>	[0..*]	CodeSet		1037
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1037
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1038
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1038
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1039
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1039
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1039
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1039
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1039
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1039
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1039
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1040
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1040
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1040
	<b>Address</b> <Adr>	[0..1]	Text		1040
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1040

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1040
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1040
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1041
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1041
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1041
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1041
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1041
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1042
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1042
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1042
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1043
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1043
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1043
	<b>Debtor</b> <Dbtr>	[0..1]	±		1044
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1045
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1045
	<b>Creditor</b> <Cdtr>	[0..1]	±		1045
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1046
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1047
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1047
	<b>Debtor</b> <Dbtr>	[0..1]	±		1048
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1049
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1050
	<b>Creditor</b> <Cdtr>	[0..1]	±		1050
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1051
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1052
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1052
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1053
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1053
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1053
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1053

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1053
	<b>LoginResponse</b> <LgnRspn>	[0..1]			1054
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1054
	<b>POISoftware</b> <POISftwr>	[1..*]	±		1054
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1056
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1057
	<b>DiagnosisResponse</b> <DgnssRspn>	[0..1]			1058
	<b>LoggedSaleIdentification</b> <LggdSaleId>	[0..*]	Text		1059
	<b>POIStatus</b> <POISts>	[0..1]			1059
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1060
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		1061
	<b>POIGroupIdentification</b> <POIGrpId>	[0..*]	Text		1063
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1063
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1064
	<b>DataSetRequired</b> <DataSetReqrd>	[0..*]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>POIChallenge</b> <POIChllng>	[0..1]	Binary		1064
	<b>TMChallenge</b> <TMChllng>	[0..1]	Binary		1065
	<b>SessionKey</b> <SsnKey>	[0..1]	±		1065
	<b>DelegationProof</b> <DlgtNProof>	[0..1]	Binary		1066
	<b>ProtectedDelegationProof</b> <PrtctdDlgtNProof>	[0..1]	±		1067
	<b>Event</b> <Evt>	[0..*]	±		1067
	<b>Errors</b> <Errs>	[0..*]	Text		1067
	<b>HostStatus</b> <HstSts>	[0..*]			1067
	<b>AcquirerIdentification</b> <Acqrrld>	[1..1]	Text		1068
	<b>Reachable</b> <Rchbl>	[0..1]	Indicator		1068
	<b>Response</b> <Rspn>	[1..1]	±		1068
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1068

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <BklId>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crdrhldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1033
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1033
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1033
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1034
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1034
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1034
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1034
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1035
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1035
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1035
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1036
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1036
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1037
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1037
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1038
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1038
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1039
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1039
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1039
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1039
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		1039
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		1039
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1039
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1040
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1040
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1040
	<b>Address</b> <Adr>	[0..1]	Text		1040
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1040
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1040
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1040
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1041

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1041
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1041
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1041
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1041
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1042
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1042
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1042
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1043
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1043
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1043
	<b>Debtor</b> <Dbtr>	[0..1]	±		1044
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1045
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1045
	<b>Creditor</b> <Cdtr>	[0..1]	±		1045
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1046
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1047
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1047
	<b>Debtor</b> <Dbtr>	[0..1]	±		1048
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1049
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1050
	<b>Creditor</b> <Cdtr>	[0..1]	±		1050
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1051
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1052
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1052
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1053
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1053
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1053
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1053

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1033
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1033
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1034
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1034
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		1034
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1034
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1035
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1035
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1035
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1036
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1036
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1037

#### 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 2366](#)):

- *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 2366](#)):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1038
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1038
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1039
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1039
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1039
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1039
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1039
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1039
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1039
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1040
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1040
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1040
	<b>Address</b> <Adr>	[0..1]	Text		1040
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1040
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1040
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1040
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1041
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1041
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1041
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1041
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1041
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1042
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1042

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **7.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **7.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1040
	<b>Address</b> <Adr>	[0..1]	Text		1040
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1040
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1040
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1040

##### 7.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 7.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 7.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1043
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1043
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1043
	<b>Debtor</b> <Dbtr>	[0..1]	±		1044
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1045
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1045
	<b>Creditor</b> <Cdtr>	[0..1]	±		1045
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1046
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1047

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1048
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1049
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1050
	<b>Creditor</b> <Cdtr>	[0..1]	±		1050
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1051
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1052
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1052
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1053
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1053
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1053
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1053

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1053
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1053
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1053
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1053

#### 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 2371

#### 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 2364

#### 7.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 7.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service answered.

*Datatype:* "RetailerService5Code" on page 2351

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 **LoginResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1054
	<b>POISoftware</b> <POISftwr>	[1..*]	±		1054
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1056
	<b>OutputDisplay</b> <OutptDisp>	[0..1]	±		1057

##### 7.4.2.4.1 POIDateTime <POIDtTm>

*Presence:* [1..1]

*Definition:* Date and Time of POI Login.

*Datatype:* "ISODateTime" on page 2364

##### 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 "PointOfInteractionComponent18" on page 2094 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <Packgld>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2191
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2192
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2192
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2192
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2193
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2193
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2193
	MessageCapabilities <MsgCpblties>	[0..*]			2193
	Destination <Dstn>	[1..*]	CodeSet		2193
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2194
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2194
	LineWidth <LineWidth>	[0..1]	Quantity		2194
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2194

#### 7.4.2.4.4 OutputDisplay <OutptDisp>

*Presence:* [0..1]

*Definition:* Message to be displayed.

**OutputDisplay <OutptDisp>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 7.4.2.5 DiagnosisResponse <DgnssRspn>

*Presence:* [0..1]

*Definition:* Content of the Diagnosis Response message.

**DiagnosisResponse <DgnssRspn>** contains the following **DiagnosisResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LoggedSaleIdentification</b> <LggdSaleId>	[0..*]	Text		1059
	<b>POIStatus</b> <POISts>	[0..1]			1059
	<b>POICapabilities</b> <POICpbilities>	[0..1]	±		1060
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		1061
	<b>POIGroupIdentification</b> <POIGrpld>	[0..*]	Text		1063
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1063
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1064
	<b>DataSetRequired</b> <DataSetReqrd>	[0..*]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>POIChallenge</b> <POIChllng>	[0..1]	Binary		1064
	<b>TMChallenge</b> <TMChllng>	[0..1]	Binary		1065
	<b>SessionKey</b> <SsnKey>	[0..1]	±		1065
	<b>DelegationProof</b> <DlgtProof>	[0..1]	Binary		1066
	<b>ProtectedDelegationProof</b> <PrctcdDlgtProof>	[0..1]	±		1067
	<b>Event</b> <Evt>	[0..*]	±		1067
	<b>Errors</b> <Errs>	[0..*]	Text		1067
	<b>HostStatus</b> <HstSts>	[0..*]			1067
	<b>AcquirerIdentification</b> <Acqrrld>	[1..1]	Text		1068
	<b>Reachable</b> <Rchbl>	[0..1]	Indicator		1068

#### 7.4.2.5.1 LoggedSaleIdentification <LggdSaleId>

*Presence:* [0..\*]

*Definition:* Sale Terminal logged to.

*Datatype:* "Max35Text" on page 2371

#### 7.4.2.5.2 POIStatus <POISts>

*Presence:* [0..1]

*Definition:* Status of the POI.

**POIStatus <POISts>** contains the following **StatusReportContent15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POICapabilities</b> <POICpblties>	[0..1]	±		1060
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		1061
	<b>POIGroupIdentification</b> <POIGrpId>	[0..*]	Text		1063
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1063
	<b>POIDateTime</b> <POIDtTm>	[1..1]	DateTime		1064
	<b>DataSetRequired</b> <DataSetReqrd>	[0..*]			1064
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>POIChallenge</b> <POIChllng>	[0..1]	Binary		1064
	<b>TMChallenge</b> <TMChllng>	[0..1]	Binary		1065
	<b>SessionKey</b> <SsnKey>	[0..1]	±		1065
	<b>DelegationProof</b> <DlgtNProof>	[0..1]	Binary		1066
	<b>ProtectedDelegationProof</b> <PrtctdDlgtNProof>	[0..1]	±		1067
	<b>Event</b> <Evt>	[0..*]	±		1067
	<b>Errors</b> <Errs>	[0..*]	Text		1067

#### 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  
"PointOfInteractionCapabilities11" on page 2171 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2172
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2173
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2173
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2173
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2174
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2174
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2174
	MessageCapabilities <MsgCpblties>	[0..*]			2174
	Destination <Dstn>	[1..*]	CodeSet		2174
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2175
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2175
	LineWidth <LineWidth>	[0..1]	Quantity		2175
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2175

#### 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 "PointOfInteractionComponent18" on page 2094 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 7.4.2.5.2.3 POIGroupIdentification <POIGrpld>

*Presence:* [0..\*]

*Definition:* Identifier assigned to a set of POI terminals performing some categories of transactions.

*Datatype:* "Max35Text" on page 2371

#### 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 2305

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 2364

#### 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 **DataSetRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	±		1064
	<b>POIChallenge</b> <POIChllng>	[0..1]	Binary		1064
	<b>TMChallenge</b> <TMChllng>	[0..1]	Binary		1065
	<b>SessionKey</b> <SsnKey>	[0..1]	±		1065
	<b>DelegationProof</b> <DlgtmProof>	[0..1]	Binary		1066
	<b>ProtectedDelegationProof</b> <PrctcdDlgtmProof>	[0..1]	±		1067

##### 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 1945 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1945
	Type <Tp>	[1..1]	CodeSet		1945
	Version <Vrsn>	[0..1]	Text		1946
	CreationDateTime <CreDtTm>	[0..1]	DateTime		1947

##### 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 2292

#### **7.4.2.5.2.6.3 TMChallenge <TMChllng>**

*Presence:* [0..1]

*Definition:* Terminal manager challenge for cryptographic key injection.

*Datatype:* "Max140Binary" on page 2292

#### **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 "[CryptographicKey19](#)" on page 2241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2242
	KeyIdentification <KeyId>	[0..1]	Text		2242
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2243
	Name <Nm>	[0..1]	Text		2243
	SecurityProfile <SctyPrfl>	[0..1]	Text		2243
	ItemNumber <ItmNb>	[0..1]	Text		2243
	SequenceNumber <SeqNb>	[0..1]	Quantity		2243
	Version <Vrsn>	[0..1]	Text		2243
	KeyVersion <KeyVrsn>	[0..1]	Text		2243
	Type <Tp>	[0..1]	CodeSet		2244
	Function <Fctn>	[0..*]	CodeSet		2245
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2245
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2245
	KeyValue <KeyVal>	[0..1]	±		2246
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2246
	Identification <Id>	[1..1]	Text		2246
	Type <Tp>	[1..1]	CodeSet		2246
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2247
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2247
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2247
	Name <Nm>	[1..1]	Text		2247
	Value <Val>	[0..1]	Text		2248
	DerivationAlgorithmIdentifier <DerivtnAlgldr>	[0..1]	Text		2248
	AlgorithmIdentifier <Algldr>	[0..1]	Text		2248

#### 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 2293

#### 7.4.2.5.2.6.6 ProtectedDelegationProof <PrctcdDlgtProof>

*Presence:* [0..1]

*Definition:* Protected proof of delegation.

**ProtectedDelegationProof <PrctcdDlgtProof>** contains the following elements (see "ContentInformationType39" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 "TMSEvent13" on page 2202 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeStamp <TmStmp>	[1..1]	DateTime		2202
	Result <Rslt>	[1..1]	CodeSet		2202
	ActionIdentification <ActnId>	[1..1]			2203
	ActionType <ActnTp>	[1..1]	CodeSet		2203
	DataSetIdentification <DataSetId>	[0..1]	±		2204
	AdditionalErrorInformation <AddtlErrInf>	[0..1]	Text		2204
	TerminalManagerIdentification <TermnlMgrld>	[0..1]	Text		2204
	DeviceResponse <DvcRspn>	[0..1]	±		2204

#### 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 2369

#### 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
	<b>AcquirerIdentification &lt;Acqrrld&gt;</b>	[1..1]	Text		1068
	<b>Reachable &lt;Rchbl&gt;</b>	[0..1]	Indicator		1068

#### 7.4.2.5.3.1 AcquirerIdentification <Acqrrld>

*Presence:* [1..1]

*Definition:* Identification of the Acquirer.

*Datatype:* "Max35Text" on page 2371

#### 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 2366):

- *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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **8        casp.007.001.08**

# **SaleToPOIAdministrativeRequestV08**

### **8.1      MessageDefinition Functionality**

The SaleToPOIAdministrativeRequest message is sent by a sale system to POI System to request for an Administrative service.

#### Outline

The SaleToPOIAdministrativeRequestV08 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]			1074
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1074
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1075
	ExchangeIdentification <XchgId>	[1..1]	Text		1076
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1076
	InitiatingParty <InitgPty>	[1..1]	±		1076
	RecipientParty <RcptPty>	[0..1]	±		1076
	Traceability <Tracblt>	[0..*]	±		1077
	AdministrativeRequest <AdmstvReq>	[1..1]			1077
	Environment <Envt>	[1..1]	±	C8	1080
	Context <Cntxt>	[1..1]		C9	1086
	PaymentContext <PmtCntxt>	[0..1]			1089
	CardPresent <CardPres>	[0..1]	Indicator		1089
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1089
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1090
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1090
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1090
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1090
	BusinessArea <BizArea>	[0..1]	CodeSet		1091
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1091
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1091
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1092
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1092
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1093
	SaleContext <SaleCntxt>	[0..1]			1093
	SaleIdentification <SaleId>	[0..1]	Text		1094
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1094
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1095
	CashierIdentification <CshrId>	[0..1]	Text		1095

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1095
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1095
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1095
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1095
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1095
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1096
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1096
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1096
	<b>Address</b> <Adr>	[0..1]	Text		1096
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1096
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1096
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1096
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1097
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1097
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1097
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1097
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1097
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1098
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1098
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1098
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1099
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1099
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1099
	<b>Debtor</b> <Dbtr>	[0..1]	±		1100
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1101
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1101
	<b>Creditor</b> <Cdtr>	[0..1]	±		1101
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1102
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1103
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1103
	<b>Debtor</b> <Dbtr>	[0..1]	±		1104

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1105
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1106
	<b>Creditor</b> <Cdtr>	[0..1]	±		1106
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1107
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1108
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1108
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1109
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1109
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1109
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1109
	<b>AdministrativeServiceIdentification</b> <AdmstvSvcId>	[0..1]	Text		1109
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1110
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1110

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1074
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1075
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1076
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1076
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1076
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1076
	<b>Traceability</b> <Tracblt>	[0..*]	±		1077

#### **8.4.1.1 MessageFunction <MsgFctn>**

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

### 8.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

### 8.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

### 8.4.2 AdministrativeRequest <AdmstvReq>

*Presence:* [1..1]

*Definition:* Information related to the administrative request.

**AdministrativeRequest <AdmstvReq>** contains the following **AdministrativeRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	1080
	<b>Context</b> <Cntxt>	[1..1]		C9	1086
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1089
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1089
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1089
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1090
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1090
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1090
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1090
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1091
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1091
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1091
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1092
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1092
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1093
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1093
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1094
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1094
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1095
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1095
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1095
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1095
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1095
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1095
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1095
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1096
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1096
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1096
	<b>Address</b> <Adr>	[0..1]	Text		1096
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1096
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1096

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		1096
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1097
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1097
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		1097
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1097
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1097
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1098
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1098
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1098
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1099
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1099
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1099
	<b>Debtor</b> <Dbtr>	[0..1]	±		1100
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1101
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1101
	<b>Creditor</b> <Cdtr>	[0..1]	±		1101
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1102
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1103
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1103
	<b>Debtor</b> <Dbtr>	[0..1]	±		1104
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1105
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1106
	<b>Creditor</b> <Cdtr>	[0..1]	±		1106
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1107
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1108
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1108
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1109
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1109
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1109
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1109
	<b>AdministrativeServiceIdentification</b> <AdmstvSvcId>	[0..1]	Text		1109

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1110

#### 8.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

*Impacted by:* C8 "OneElementPresenceRule"

**Environment <Envt>** contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1089
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1089
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1089
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1090
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1090
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1090
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1090
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1091
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1091
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1091
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1092
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1092
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1093
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1093
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1094
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1094
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1095
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1095
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1095
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1095
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1095
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1095
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1095
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1096
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1096
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1096
	<b>Address</b> <Adr>	[0..1]	Text		1096
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1096
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1096
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1096
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1097

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1097
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1097
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1097
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1097
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1098
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1098
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1098
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1099
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1099
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1099
	<b>Debtor</b> <Dbtr>	[0..1]	±		1100
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1101
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1101
	<b>Creditor</b> <Cdtr>	[0..1]	±		1101
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1102
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1103
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1103
	<b>Debtor</b> <Dbtr>	[0..1]	±		1104
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1105
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1106
	<b>Creditor</b> <Cdtr>	[0..1]	±		1106
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1107
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1108
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1108
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1109
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1109
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1109
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1109

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1089
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1089
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1090
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1090
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		1090
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1090
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1091
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1091
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1091
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1092
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1092
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1093

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 <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 2366):

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

#### 8.4.2.2.1.9 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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1094
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1094
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1095
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1095
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1095
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1095
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1095
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1095
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1095
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1096
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1096
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1096
	<b>Address</b> <Adr>	[0..1]	Text		1096
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1096
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1096
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1096
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1097
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1097
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1097
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1097
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1097
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1098
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1098

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **8.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **8.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1096
	<b>Address</b> <Adr>	[0..1]	Text		1096
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1096
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1096
	<b>RegisteredIdentifier</b> <RegIdlr>	[1..1]	Text		1096

##### 8.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 8.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 8.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 8.4.2.2.2.11.5 RegisteredIdentifier <RegIdlr>

*Presence:* [1..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1099
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1099
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1099
	<b>Debtor</b> <Dbtr>	[0..1]	±		1100
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1101
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1101
	<b>Creditor</b> <Cdtr>	[0..1]	±		1101
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1102
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1103

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1104
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1105
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1106
	<b>Creditor</b> <Cdtr>	[0..1]	±		1106
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1107
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1108
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1108
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1109
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1109
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1109
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1109

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1109
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1109
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1109
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1109

#### 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 2371

#### 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 2364

#### 8.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 8.4.2.3 AdministrativeServiceIdentification <AdmstvSvcId>

*Presence:* [0..1]

*Definition:* Identification of the administrative service to process.

*Datatype:* "Max20000Text" on page 2370

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

##### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **9            casp.008.001.08**

# **SaleToPOIAdministrativeResponseV08**

### **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 SaleToPOIAdministrativeResponseV08 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]			1115
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1115
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1116
	ExchangeIdentification <XchgId>	[1..1]	Text		1117
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1117
	InitiatingParty <InitgPty>	[1..1]	±		1117
	RecipientParty <RcptPty>	[0..1]	±		1117
	Traceability <Tracblt>	[0..*]	±		1118
	AdministrativeResponse <AdmstvRspn>	[1..1]			1118
	Environment <Envt>	[1..1]	±	C8	1121
	Context <Cntxt>	[1..1]		C9	1127
	PaymentContext <PmtCntxt>	[0..1]			1130
	CardPresent <CardPres>	[0..1]	Indicator		1130
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1130
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1131
	AttendanceContext <AttdntCntxt>	[0..1]	CodeSet		1131
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1131
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1131
	BusinessArea <BizArea>	[0..1]	CodeSet		1132
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1132
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1132
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1133
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1133
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1134
	SaleContext <SaleCntxt>	[0..1]			1134
	SaleIdentification <SaleId>	[0..1]	Text		1135
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1135
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1136
	CashierIdentification <CshrlId>	[0..1]	Text		1136

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1136
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1136
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1136
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1136
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1136
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1137
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1137
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1137
	<b>Address</b> <Adr>	[0..1]	Text		1137
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1137
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1137
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1137
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1138
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1138
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1138
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1138
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1138
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1139
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1139
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1139
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1140
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1140
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1140
	<b>Debtor</b> <Dbtr>	[0..1]	±		1141
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1142
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1142
	<b>Creditor</b> <Cdtr>	[0..1]	±		1142
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1143
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1144
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1144
	<b>Debtor</b> <Dbtr>	[0..1]	±		1145

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1146
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1147
	<b>Creditor</b> <Cdtr>	[0..1]	±		1147
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1148
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1149
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1149
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1150
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1150
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1150
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1150
	<b>Response</b> <Rspn>	[1..1]	±		1150
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1151
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1151

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1115
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1116
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1117
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1117
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1117
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1117
	<b>Traceability</b> <Tracblt>	[0..*]	±		1118

#### **9.4.1.1 MessageFunction <MsgFctn>**

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

### 9.4.1.3 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

### 9.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 9.4.2 AdministrativeResponse <AdmstvRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of an administrative request.

**AdministrativeResponse <AdmstvRspn>** contains the following **AdministrativeResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	1121
	<b>Context</b> <Cntxt>	[1..1]		C9	1127
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1130
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1130
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1130
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1131
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1131
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1131
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1131
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1132
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1132
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1132
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1133
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1133
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1134
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1134
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1135
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1135
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1136
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1136
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1136
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1136
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1136
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1136
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1136
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1137
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1137
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1137
	<b>Address</b> <Adr>	[0..1]	Text		1137
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1137
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1137
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1138
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1138
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1138
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1138
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1138
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1139
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1139
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1139
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1140
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1140
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1140
	<b>Debtor</b> <Dbtr>	[0..1]	±		1141
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1142
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1142
	<b>Creditor</b> <Cdtr>	[0..1]	±		1142
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1143
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1144
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1144
	<b>Debtor</b> <Dbtr>	[0..1]	±		1145
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1146
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1147
	<b>Creditor</b> <Cdtr>	[0..1]	±		1147
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1148
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1149
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1149
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1150
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1150
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1150
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1150

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	±		1150
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1151

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1130
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1130
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1130
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1131
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1131
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1131
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1131
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1132
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1132
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1132
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1133
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1133
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1134
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1134
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1135
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1135
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1136
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1136
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1136
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1136
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1136
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1136
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1136
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1137
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1137
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1137
	<b>Address</b> <Adr>	[0..1]	Text		1137
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1137
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1137
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1137
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1138
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1138
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1138
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1138
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1139
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1139
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1139
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1140
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1140
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1140
	<b>Debtor</b> <Dbtr>	[0..1]	±		1141
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1142
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1142
	<b>Creditor</b> <Cdtr>	[0..1]	±		1142
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1143
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1144
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1144
	<b>Debtor</b> <Dbtr>	[0..1]	±		1145
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1146
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1147
	<b>Creditor</b> <Cdtr>	[0..1]	±		1147
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1148
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1149
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1149
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1150
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1150
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1150
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1150

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1130
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1130
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1131
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1131
	<b>TransactionEnvironment</b> <TxEnv>	[0..1]	CodeSet		1131
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1131
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1132
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1132
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1132
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1133
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1133
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1134

#### 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 2366](#)):

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

#### 9.4.2.2.1.2 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 2366](#)):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlilbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1135
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1135
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1136
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1136
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1136
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1136
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1136
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1136
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1136
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1137
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1137
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1137
	<b>Address</b> <Adr>	[0..1]	Text		1137
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1137
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1137
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1137
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1138
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1138
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1138
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1138
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1138
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1139
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1139

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **9.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **9.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1137
	<b>Address</b> <Adr>	[0..1]	Text		1137
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1137
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1137
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1137

##### 9.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 9.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 9.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1140
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1140
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1140
	<b>Debtor</b> <Dbtr>	[0..1]	±		1141
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1142
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1142
	<b>Creditor</b> <Cdtr>	[0..1]	±		1142
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1143
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1144

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1145
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1146
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1147
	<b>Creditor</b> <Cdtr>	[0..1]	±		1147
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1148
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1149
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1149
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1150
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1150
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1150
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1150

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1150
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1150
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1150
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1150

#### 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 2371

#### 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 2364

#### 9.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **10      casp.009.001.08 SaleToPOIReportRequestV08**

## **10.1    MessageDefinition Functionality**

The SaleToPOIReportRequest message is sent by sale system to request a report service.

### Outline

The SaleToPOIReportRequestV08 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]			1157
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1157
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1158
	ExchangeIdentification <XchgId>	[1..1]	Text		1158
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1158
	InitiatingParty <InitgPty>	[1..1]	±		1159
	RecipientParty <RcptPty>	[0..1]	±		1159
	Traceability <Tracblt>	[0..*]	±		1160
	ReportRequest <RptReq>	[1..1]			1160
	Environment <Envt>	[1..1]	±	C8	1163
	Context <Cntxt>	[1..1]		C9	1169
	PaymentContext <PmtCntxt>	[0..1]			1172
	CardPresent <CardPres>	[0..1]	Indicator		1172
	CardholderPresent <CrldhrPres>	[0..1]	Indicator		1172
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1173
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1173
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1173
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1173
	BusinessArea <BizArea>	[0..1]	CodeSet		1174
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1174
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	1174
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1175
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1175
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1176
	SaleContext <SaleCntxt>	[0..1]			1176
	SaleIdentification <SaleId>	[0..1]	Text		1177
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1177
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1178
	CashierIdentification <CshrlId>	[0..1]	Text		1178

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1178
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1178
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1178
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1178
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1178
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1179
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1179
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1179
	<b>Address</b> <Adr>	[0..1]	Text		1179
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1179
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1179
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1179
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1180
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1180
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1180
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1180
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1180
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1181
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1181
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1181
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1182
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1182
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1182
	<b>Debtor</b> <Dbtr>	[0..1]	±		1183
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1184
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1184
	<b>Creditor</b> <Cdtr>	[0..1]	±		1184
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1185
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1186
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1186
	<b>Debtor</b> <Dbtr>	[0..1]	±		1187

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1188
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1189
	<b>Creditor</b> <Cdtr>	[0..1]	±		1189
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1190
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1191
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1191
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1192
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1192
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1192
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1192
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1192
	<b>ReportTransactionRequest</b> <RptTxReq>	[0..1]			1193
	<b>SearchCriteria</b> <SchCrit>	[1..*]			1193
	<b>SearchOr</b> <SchOr>	[1..*]			1194
	<b>SearchAnd</b> <SchAnd>	[1..*]			1194
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195
	<b>SearchOutputOrder</b> <SchOutptOrdr>	[0..1]			1195
	<b>CriteriaOrder</b> <CritOrdr>	[1..*]			1195
	<b>Target</b> <Trgt>	[1..1]	Text		1195
	<b>DescendingOrder</b> <DscndgOrdr>	[0..1]	Indicator		1195
	<b>BlockStart</b> <BlckStart>	[0..1]	Quantity		1196
	<b>BlockStop</b> <BlckStop>	[0..1]	Quantity		1196
	<b>ReportGetTotalsRequest</b> <RptGetTtlsReq>	[0..1]			1196
	<b>TotalDetails</b> <TtlDtls>	[0..1]	CodeSet		1196
	<b>TotalFilter</b> <TtlFltr>	[0..1]			1197
	<b>POIIdentification</b> <POIId>	[0..1]	Text		1197
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1197
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1197
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1197

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalsGroupIdentification</b> <TtlsGrpld>	[0..1]	Text		1197
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1198
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1198

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1157
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1158
	<b>Exchangeldentification</b> <Xchgld>	[1..1]	Text		1158
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1158
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1159
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1159
	<b>Traceability</b> <Tracblt>	[0..*]	±		1160

#### 10.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 10.4.1.3 ExchangelIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 10.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 10.4.2 ReportRequest <RptReq>

*Presence:* [1..1]

*Definition:* Information related to the report request.

**ReportRequest <RptReq>** contains the following **ReportRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	1163
	<b>Context</b> <Cntxt>	[1..1]		C9	1169
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1172
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1172
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1172
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1173
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1173
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1173
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1173
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1174
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1174
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1174
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1175
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1175
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1176
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1176
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1177
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1177
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1178
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1178
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1178
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1178
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1178
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1178
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1178
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1179
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1179
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1179
	<b>Address</b> <Adr>	[0..1]	Text		1179
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1179
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1179
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1180
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1180
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1180
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1180
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1180
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1181
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1181
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1181
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1182
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1182
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1182
	<b>Debtor</b> <Dbtr>	[0..1]	±		1183
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1184
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1184
	<b>Creditor</b> <Cdtr>	[0..1]	±		1184
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1185
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1186
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1186
	<b>Debtor</b> <Dbtr>	[0..1]	±		1187
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1188
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1189
	<b>Creditor</b> <Cdtr>	[0..1]	±		1189
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1190
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1191
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1191
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1192
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1192
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1192
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1192
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReportTransactionRequest</b> <RptTxReq>	[0..1]			1193
	<b>SearchCriteria</b> <SchCrit>	[1..*]			1193
	<b>SearchOr</b> <SchOr>	[1..*]			1194
	<b>SearchAnd</b> <SchAnd>	[1..*]			1194
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprtr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195
	<b>SearchOutputOrder</b> <SchOutptOrdr>	[0..1]			1195
	<b>CriteriaOrder</b> <CritOrdr>	[1..*]			1195
	<b>Target</b> <Trgt>	[1..1]	Text		1195
	<b>DescendingOrder</b> <DscndgOrdr>	[0..1]	Indicator		1195
	<b>BlockStart</b> <BlckStart>	[0..1]	Quantity		1196
	<b>BlockStop</b> <BlckStop>	[0..1]	Quantity		1196
	<b>ReportGetTotalsRequest</b> <RptGetTtlsReq>	[0..1]			1196
	<b>TotalDetails</b> <TtlDtls>	[0..1]	CodeSet		1196
	<b>TotalFilter</b> <TtlFiltr>	[0..1]			1197
	<b>POIIdentification</b> <POIId>	[0..1]	Text		1197
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1197
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1197
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1197
	<b>TotalsGroupIdentification</b> <TtlsGrpId>	[0..1]	Text		1197
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1198

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <Grpld>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <Crdhldrld>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <Drvrld>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1172
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1172
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1172
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1173
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1173
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1173
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1173
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1174
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1174
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1174
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1175
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1175
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1176
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1176
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1177
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1177
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1178
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1178
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1178
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1178
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		1178
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		1178
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1178
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1179
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1179
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1179
	<b>Address</b> <Adr>	[0..1]	Text		1179
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1179
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1179
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1179
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1180

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1180
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1180
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1180
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1180
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1181
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1181
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1181
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1182
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1182
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1182
	<b>Debtor</b> <Dbtr>	[0..1]	±		1183
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1184
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1184
	<b>Creditor</b> <Cdtr>	[0..1]	±		1184
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1185
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1186
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1186
	<b>Debtor</b> <Dbtr>	[0..1]	±		1187
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1188
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1189
	<b>Creditor</b> <Cdtr>	[0..1]	±		1189
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1190
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1191
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1191
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1192
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1192
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1192
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1192

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1172
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1172
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1173
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1173
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1173
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1173
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1174
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1174
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1174
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1175
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1175
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1176

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1177
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1177
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1178
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1178
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1178
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1178
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1178
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1178
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1178
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1179
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1179
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1179
	<b>Address</b> <Adr>	[0..1]	Text		1179
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1179
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1179
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1179
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1180
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1180
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1180
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1180
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1180
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1181
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1181

#### 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 2371

#### 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 2371

#### **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 2371

#### **10.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **10.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **10.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1179
	<b>Address</b> <Adr>	[0..1]	Text		1179
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1179
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1179
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1179

##### 10.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 10.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 10.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1182
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1182
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1182
	<b>Debtor</b> <Dbtr>	[0..1]	±		1183
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1184
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1184
	<b>Creditor</b> <Cdtr>	[0..1]	±		1184
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1185
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1186

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1187
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1188
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1189
	<b>Creditor</b> <Cdtr>	[0..1]	±		1189
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1190
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1191
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1191
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1192
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1192
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1192
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1192

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 <PrctcdDbtrAcct>

*Presence:* [0..1]

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

**ProtectedDebtorAccount <PrctcdDbtrAcct>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1192
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1192
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1192
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1192

#### 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 2371

#### 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 2364

#### 10.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 10.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service requested.

*Datatype:* "RetailerService6Code" on page 2352

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
	<b>SearchCriteria</b> <SchCrit>	[1..*]			1193
	<b>SearchOr</b> <SchOr>	[1..*]			1194
	<b>SearchAnd</b> <SchAnd>	[1..*]			1194
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195
	<b>SearchOutputOrder</b> <SchOutptOrdr>	[0..1]			1195
	<b>CriteriaOrder</b> <CritOrdr>	[1..*]			1195
	<b>Target</b> <Trgt>	[1..1]	Text		1195
	<b>DescendingOrder</b> <DscndgOrdr>	[0..1]	Indicator		1195
	<b>BlockStart</b> <BlckStart>	[0..1]	Quantity		1196
	<b>BlockStop</b> <BlckStop>	[0..1]	Quantity		1196

##### 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
	<b>SearchOr</b> <SchOr>	[1..*]			1194
	<b>SearchAnd</b> <SchAnd>	[1..*]			1194
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprtr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195

#### 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
	<b>SearchAnd</b> <SchAnd>	[1..*]			1194
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprtr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195

#### 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
	<b>Target</b> <Trgt>	[1..1]	Text		1194
	<b>Operator</b> <Oprtr>	[1..1]	CodeSet		1194
	<b>Value</b> <Val>	[1..1]	Text		1195

#### 10.4.2.4.1.1.1.1 Target <Trgt>

*Presence:* [1..1]

*Definition:* Identifier of target element.

*Datatype:* "Max500Text" on page 2373

#### 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 2334

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 2373

#### 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
	<b>CriteriaOrder &lt;CritOrdr&gt;</b>	[1..*]			1195
	<b>Target &lt;Trgt&gt;</b>	[1..1]	Text		1195

#### 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
	<b>Target &lt;Trgt&gt;</b>	[1..1]	Text		1195

#### 10.4.2.4.2.1.1 Target <Trgt>

*Presence:* [1..1]

*Definition:* Identifier of target element.

*Datatype:* "Max500Text" on page 2373

#### 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 2366):

- *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 2367

#### 10.4.2.4.5 BlockStop <BlckStop>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 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
	<b>TotalDetails</b> <TtlDtls>	[0..1]	CodeSet		1196
	<b>TotalFilter</b> <TtlFltr>	[0..1]			1197
	<b>POIIdentification</b> <POIID>	[0..1]	Text		1197
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1197
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1197
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1197
	<b>TotalsGroupIdentification</b> <TtlsGrpId>	[0..1]	Text		1197

##### 10.4.2.5.1 TotalDetails <TtlDtls>

*Presence:* [0..1]

*Definition:* Indicates the hierarchical structure of the report.

*Datatype:* "TotalDetails1Code" on page 2359

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
	<b>POIIdentification</b> <POIId>	[0..1]	Text		1197
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1197
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1197
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1197
	<b>TotalsGroupIdentification</b> <TtlsGrpId>	[0..1]	Text		1197

##### 10.4.2.5.2.1 POIIdentification <POIId>

*Presence:* [0..1]

*Definition:* Identifier of the POI system performing a reconciliation.

*Datatype:* "Max35Text" on page 2371

##### 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 2371

##### 10.4.2.5.2.3 CashierIdentification <CshrId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

##### 10.4.2.5.2.4 ShiftNumber <ShftNb>

*Presence:* [0..1]

*Definition:* Identifies the shift of the cashier.

*Datatype:* "Max35Text" on page 2371

##### 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 2371

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

##### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **11      casp.010.001.08 SaleToPOIReportResponseV08**

## **11.1    MessageDefinition Functionality**

This SaleToPOIReportResponse message is sent by a POI to provide the report previously expected by a sale system.

### Outline

The SaleToPOIReportResponseV08 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]			1216
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1216
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1217
	ExchangeIdentification <XchgId>	[1..1]	Text		1217
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1218
	InitiatingParty <InitgPty>	[1..1]	±		1218
	RecipientParty <RcptPty>	[0..1]	±		1218
	Traceability <Tracblt>	[0..*]	±		1219
	ReportResponse <RptRspn>	[1..1]			1219
	Environment <Envt>	[1..1]	±	C9	1234
	Context <Cntxt>	[1..1]		C10	1241
	PaymentContext <PmtCntxt>	[0..1]			1244
	CardPresent <CardPres>	[0..1]	Indicator		1244
	CardholderPresent <CrldhrPres>	[0..1]	Indicator		1244
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1245
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1245
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1245
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1245
	BusinessArea <BizArea>	[0..1]	CodeSet		1246
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1246
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1246
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1247
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1247
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1248
	SaleContext <SaleCntxt>	[0..1]			1248
	SaleIdentification <SaleId>	[0..1]	Text		1249
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1249
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1250
	CashierIdentification <CshrlId>	[0..1]	Text		1250

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1250
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1250
	<b>CustomerOrderRequestFlag</b> <CstmrOrdReqFlg>	[0..1]	Indicator		1250
	<b>PurchaseOrderNumber</b> <PurchsOrdNb>	[0..1]	Text		1250
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1250
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1251
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1251
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1251
	<b>Address</b> <Adr>	[0..1]	Text		1251
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1251
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1251
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1251
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1252
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1252
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1252
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1252
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1252
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1253
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1253
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1253
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1254
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1254
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1254
	<b>Debtor</b> <Dbtr>	[0..1]	±		1255
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1256
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1256
	<b>Creditor</b> <Cdtr>	[0..1]	±		1256
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1257
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1258
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1258
	<b>Debtor</b> <Dbtr>	[0..1]	±		1259

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1260
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1261
	<b>Creditor</b> <Cdtr>	[0..1]	±		1261
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1262
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1263
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1263
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1264
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1264
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1264
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1264
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1264
	<b>ReportTransactionResponse</b> <RptTxRspn>	[0..1]			1265
	<b>ReportFullSize</b> <RptFullSz>	[1..1]	Quantity		1277
	<b>BlockStart</b> <BlckStart>	[1..1]	Quantity		1277
	<b>BlockStop</b> <BlckStop>	[1..1]	Quantity		1277
	<b>TransactionReport</b> <TxRpt>	[0..*]			1278
	<b>Environment</b> <Envt>	[1..1]	±	C9	1290
	<b>Context</b> <Cntxt>	[1..1]		C10	1296
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1299
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1303

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1303
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1306
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1307
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1308
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1311

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1313
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1313
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1319
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1319
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			1320
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1322
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1322
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1322
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1322
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1322
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1322
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1330
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1332
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1336
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1336
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1337
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1337
	<b>ReversalResponse</b> <RvsIRspn>	[0..1]			1338
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1339
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1339
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1339
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1339
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1339
	<b>ReversalTransactionResult</b> <RvsITxRslt>	[1..1]	±		1339
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1344
	<b>Receipt</b> <Rct>	[0..*]			1344
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1345
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1346
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			1346
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1347
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1348

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			1348
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		1349
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			1349
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353
	<b>Receipt</b> <Rct>	[0..*]			1353
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354
	<b>LoyaltyResponse</b> <LltyRspn>	[0..1]			1354
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1355
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1355
	<b>POIReconciliationIdentification</b> <POIRcnccltnId>	[0..1]	Text		1356
	<b>Result</b> <Rslt>	[0..*]			1356
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1359
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1360
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			1360
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1366
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1366
	<b>Result</b> <RsIt>	[0..*]			1367
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConv>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvtrdXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvLCtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1428
	<b>Receipt</b> <Rct>	[0..*]			1428
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429
	<b>BatchResponse</b> <BtchRspn>	[0..1]			1430
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		1431
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		1432
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			1432

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1445
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			1447
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1447
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1447
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1447
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1448
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		1448
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1448
	<b>Response</b> <Rspn>	[1..1]	±		1449

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1449
	<b>ReportGetTotalsResponse</b> <RptGetTtlsRsps>	[0..1]			1450
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[1..1]	Text		1452
	<b>TransactionTotalsSet</b> <TxTtlsSet>	[0..*]			1452
	<b>PaymentInstrumentType</b> <PmtlnstrmTp>	[1..1]	CodeSet		1454
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		1454
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1454
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1454
	<b>Brand</b> <Brnd>	[0..1]	Text		1455
	<b>POIIdentification</b> <POIID>	[0..1]	Text		1455
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1455
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1455
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1455
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1455
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1455
	<b>Address</b> <Adr>	[0..1]	Text		1456
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1456
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1456
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1456
	<b>TransactionTotal</b> <TxTtl>	[1..1]			1456
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		1456
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1457
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1457
	<b>Type</b> <Tp>	[1..1]	CodeSet		1457
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1457
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1458
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1458
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			1458
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		1458
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		1459
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1459

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1459
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1459
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1460
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1460
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1460
	<b>Response</b> <Rspn>	[1..1]	±		1460
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1461
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1461

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1216
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1217
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1217
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1218
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1218
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1218
	<b>Traceability</b> <Tracblt>	[0..*]	±		1219

#### 11.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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.

#### 11.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2373

#### 11.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 11.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 11.4.2 ReportResponse <RptRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of a report request.

**ReportResponse <RptRspn>** contains the following **ReportResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C9	1234
	<b>Context</b> <Cntxt>	[1..1]		C10	1241
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1244
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1244
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1244
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1245
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1245
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1245
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1245
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1246
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1246
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1246
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1247
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1247
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1248
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1248
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1249
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1249
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1250
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1250
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1250
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1250
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1250
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1250
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1250
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1251
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1251
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1251
	<b>Address</b> <Adr>	[0..1]	Text		1251
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1251
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1251

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		1251
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1252
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1252
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		1252
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1252
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1252
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1253
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1253
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1253
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1254
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1254
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1254
	<b>Debtor</b> <Dbtr>	[0..1]	±		1255
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1256
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1256
	<b>Creditor</b> <Cdtr>	[0..1]	±		1256
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1257
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1258
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1258
	<b>Debtor</b> <Dbtr>	[0..1]	±		1259
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1260
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1261
	<b>Creditor</b> <Cdtr>	[0..1]	±		1261
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1262
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1263
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1263
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1264
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1264
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1264
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1264
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1264

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReportTransactionResponse</b> <RptTxRspn>	[0..1]			1265
	<b>ReportFullSize</b> <RptFullSz>	[1..1]	Quantity		1277
	<b>BlockStart</b> <BlckStart>	[1..1]	Quantity		1277
	<b>BlockStop</b> <BlckStop>	[1..1]	Quantity		1277
	<b>TransactionReport</b> <TxRpt>	[0..*]			1278
	<b>Environment</b> <Envt>	[1..1]	±	C9	1290
	<b>Context</b> <Cntxt>	[1..1]		C10	1296
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1299
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1303
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1303
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1306
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1307
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1308
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1311
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1313
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1313
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1319
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1319
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			1320
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1322
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1322
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1322
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1322
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1322
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1322
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1330
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1332
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1336

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1336
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1337
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1337
	<b>ReversalResponse</b> <RvslRspn>	[0..1]			1338
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1339
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1339
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1339
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1339
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1339
	<b>ReversalTransactionResult</b> <RvslTxRslt>	[1..1]	±		1339
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1344
	<b>Receipt</b> <Rct>	[0..*]			1344
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1345
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1346
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			1346
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1347
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1348
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			1348
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		1349
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			1349
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353
	<b>Receipt</b> <Rct>	[0..*]			1353
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354
	<b>LoyaltyResponse</b> <LtyRspn>	[0..1]			1354
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1355
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1355
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1356
	<b>Result</b> <Rslt>	[0..*]			1356
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		1358
	<b>ApprovalCode</b> <AprvlCd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1359
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1360

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			1360
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1366
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1366
	<b>Result</b> <Rslt>	[0..*]			1367
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCapt>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <ApblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcmng>	[0..1]	±		1416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrdr>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1428
	<b>Receipt</b> <Rct>	[0..*]			1428
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429
	<b>BatchResponse</b> <BtchRspn>	[0..1]			1430
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		1431
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		1432
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			1432
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcnclnId>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1445
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			1447
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1447
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1447
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1447
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1448
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		1448
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		1448
	<b>Response</b> <Rspn>	[1..1]	±		1449
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1449
	<b>ReportGetTotalsResponse</b> <RptGetTtlsRspn>	[0..1]			1450
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[1..1]	Text		1452
	<b>TransactionTotalsSet</b> <TxTtlsSet>	[0..*]			1452
	<b>PaymentInstrumentType</b> <PmtInstrmTp>	[1..1]	CodeSet		1454
	<b>AcquirerIdentification</b> <AcqrrId>	[0..1]	Text		1454
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1454
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1454
	<b>Brand</b> <Brnd>	[0..1]	Text		1455
	<b>POIIdentification</b> <POIId>	[0..1]	Text		1455

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1455
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1455
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1455
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1455
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1455
	<b>Address</b> <Adr>	[0..1]	Text		1456
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1456
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1456
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1456
	<b>TransactionTotal</b> <TxTtl>	[1..1]			1456
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		1456
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1457
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1457
	<b>Type</b> <Tp>	[1..1]	CodeSet		1457
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1457
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1458
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1458
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			1458
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		1458
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		1459
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1459
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1459
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1459
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1460
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1460
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1460
	<b>Response</b> <Rspn>	[1..1]	±		1460
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1461

#### 11.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

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*Impacted by:* C9 "OneElementPresenceRule"

**Environment <Envt>** contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1244
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1244
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1244
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1245
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1245
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1245
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1245
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1246
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1246
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1246
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1247
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1247
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1248
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1248
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1249
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1249
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1250
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1250
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1250
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1250
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1250
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1250
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1250
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1251
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1251
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1251
	<b>Address</b> <Adr>	[0..1]	Text		1251
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1251
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1251
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1251
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1252
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1252
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1252
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1252
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1253
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1253
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1253
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1254
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1254
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1254
	<b>Debtor</b> <Dbtr>	[0..1]	±		1255
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1256
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1256
	<b>Creditor</b> <Cdtr>	[0..1]	±		1256
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1257
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1258
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1258
	<b>Debtor</b> <Dbtr>	[0..1]	±		1259
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1260
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1261
	<b>Creditor</b> <Cdtr>	[0..1]	±		1261
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1262
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1263
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1263
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1264
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1264
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1264
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1264

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1244
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		1244
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1245
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1245
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1245
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1245
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1246
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1246
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1246
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1247
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1247
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1248

#### 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 2366](#)):

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

#### 11.4.2.2.1.2 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 2366](#)):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1249
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1249
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1250
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1250
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1250
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1250
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1250
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1250
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1250
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1251
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1251
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1251
	<b>Address</b> <Adr>	[0..1]	Text		1251
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1251
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1251
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1251
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1252
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1252
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1252
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1252
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1252
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1253
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1253

#### 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 2371

#### 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 2371

#### **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 2371

#### **11.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **11.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C13 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **11.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1251
	<b>Address</b> <Adr>	[0..1]	Text		1251
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1251
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1251
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1251

##### 11.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 11.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 11.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 11.4.2.2.2.14 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1254
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1254
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1254
	<b>Debtor</b> <Dbtr>	[0..1]	±		1255
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1256
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1256
	<b>Creditor</b> <Cdtr>	[0..1]	±		1256
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1257
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1258

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1259
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1260
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1261
	<b>Creditor</b> <Cdtr>	[0..1]	±		1261
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1262
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1263
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1263
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1264
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1264
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1264
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1264

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 <PrtctdDbtrAcct>

*Presence:* [0..1]

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

**ProtectedDebtorAccount <PrtctdDbtrAcct>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1264
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1264
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1264
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1264

#### 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 2371

#### 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 2364

#### 11.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 11.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service requested.

*Datatype:* "RetailerService7Code" on page 2352

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 **ReportTransactionResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReportFullSize</b> <RptFullSz>	[1..1]	Quantity		1277
	<b>BlockStart</b> <BlckStart>	[1..1]	Quantity		1277
	<b>BlockStop</b> <BlckStop>	[1..1]	Quantity		1277
	<b>TransactionReport</b> <TxRpt>	[0..*]			1278
	<b>Environment</b> <Envt>	[1..1]	±	C9	1290
	<b>Context</b> <Cntxt>	[1..1]		C10	1296
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1299
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1303
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1303
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <Regldlr>	[1..1]	Text		1306
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1307
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1308
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1311
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1313
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1313
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1319
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1319
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			1320
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1322
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1322
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1322
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1322
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1322
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1322
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1330
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1332
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1336

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItemRebate</b> <SaleItemRbt>	[0..*]			1336
	<b>SaleItem</b> <SaleItem>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1337
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1337
	<b>ReversalResponse</b> <RvsIRspn>	[0..1]			1338
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1339
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1339
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1339
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1339
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1339
	<b>ReversalTransactionResult</b> <RvsITxRslt>	[1..1]	±		1339
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1344
	<b>Receipt</b> <Rct>	[0..*]			1344
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1345
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1346
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			1346
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1347
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1348
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			1348
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		1349
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			1349
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353
	<b>Receipt</b> <Rct>	[0..*]			1353
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354
	<b>LoyaltyResponse</b> <LtyRspn>	[0..1]			1354
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1355
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1355
	<b>POIReconciliationIdentification</b> <POIRcncld>	[0..1]	Text		1356
	<b>Result</b> <Rslt>	[0..*]			1356
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncld>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1359
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1360

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			1360
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1366
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1366
	<b>Result</b> <RsIt>	[0..*]			1367
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AcctpdByCrhdldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxld>	[0..1]	±		1428
	<b>Receipt</b> <Rct>	[0..*]			1428
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429
	<b>BatchResponse</b> <BtchRspn>	[0..1]			1430
	<b>SaleBatchIdentification</b> <SaleBtchld>	[0..1]	±		1431
	<b>POIBatchIdentification</b> <POIBtchld>	[0..1]	±		1432
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			1432
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxld>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1445
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			1447
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1447
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1447
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1447
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1448
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		1448
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1448
	<b>Response</b> <Rspn>	[1..1]	±		1449
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1449

#### 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 2367

#### 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 2367

#### 11.4.2.4.3 BlockStop <BlckStop>

*Presence:* [1..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### **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 **ServiceResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C9	1290
	<b>Context</b> <Cntxt>	[1..1]		C10	1296
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1299
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1303
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1303
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1306
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1307
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1308
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1311
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1313
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1313
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1319
	<b>ServiceContent</b> <SvcCntt>	[1..1]	CodeSet		1319

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentResponse</b> <PmtRspn>	[0..1]			1320
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1322
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		1322
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1322
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1322
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1322
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1322
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1330
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			1332
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1336
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1336
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1337
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1337
	<b>ReversalResponse</b> <RvslRspn>	[0..1]			1338

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1339
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1339
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1339
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1339
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1339
	<b>ReversalTransactionResult</b> <RvsITxRslt>	[1..1]	±		1339
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1344
	<b>Receipt</b> <Rct>	[0..*]			1344
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1345
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1346
	<b>BalanceInquiryResponse</b> <BalNqryRspn>	[0..1]			1346
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1347
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1348
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			1348
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349
	<b>LoyaltyAccount</b> <LtyAcct>	[0..1]	±		1349
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			1349
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Receipt</b> <Rct>	[0..*]			1353
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354
	<b>LoyaltyResponse</b> <LltyRspn>	[0..1]			1354
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1355
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1355
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1356
	<b>Result</b> <Rslt>	[0..*]			1356
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1359
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1360
	<b>StoredValueResponse</b> <StordValRspn>	[0..1]			1360
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		1366
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1366
	<b>Result</b> <Rslt>	[0..*]			1367
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MarkUpDetails</b> <MrkUpDtIs>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtnDtIs>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtIs>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1411

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCntr>	[0..1]	Quantity		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCntr>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1428
	<b>Receipt</b> <Rct>	[0..*]			1428
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429
	<b>BatchResponse</b> <BtchRspn>	[0..1]			1430
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		1431
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		1432
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			1432
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1445
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446
	<b>CardAcquisitionResponse</b> <CardAcqstnRspn>	[0..1]			1447
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1447
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1447
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1447
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1448
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		1448
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		1448
	<b>Response</b> <Rspn>	[1..1]	±		1449
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1449

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1299
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1303
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1303
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1306
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1307

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1308
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1311
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1313
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1313
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1319

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1299
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1299
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1300
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1300
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1300
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1300
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1301
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1301
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1301
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1302
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1302
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1303

#### 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 2366):

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

#### 11.4.2.4.4.2.1.2 CardholderPresent <CrdhldrPres>

*Presence:* [0..1]

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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1304
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1304
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1305
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1305
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1305
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1305
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1305
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1305
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1305
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1306
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1306
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1306
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1307
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1307
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1307
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1307
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1307
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1308
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1308

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **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 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **11.4.2.4.4.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1306
	<b>Address</b> <Adr>	[0..1]	Text		1306
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1306
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1306
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1306

##### 11.4.2.4.4.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 11.4.2.4.4.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 11.4.2.4.4.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1309
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1309
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1309
	<b>Debtor</b> <Dbtr>	[0..1]	±		1310
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1311
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1311
	<b>Creditor</b> <Cdtr>	[0..1]	±		1311
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1312
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1313

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1314
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1315
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1316
	<b>Creditor</b> <Cdtr>	[0..1]	±		1316
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1317
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1318
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1318
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1319
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1319
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1319
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1319

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1319
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1319
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1319
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1319

#### 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 2371

#### 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 2364

#### 11.4.2.4.4.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 11.4.2.4.4.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service response.

*Datatype:* "RetailerService3Code" on page 2351

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.

#### 11.4.2.4.4.4 PaymentResponse <PmtRspn>

*Presence:* [0..1]

*Definition:* Data to respond to a Payment request.

**PaymentResponse <PmtRspn>** contains the following **PaymentResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1322
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		1322
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1322
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1322
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1322
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1322
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1330
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			1332
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1336
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1336
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1337
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		1337

#### 11.4.2.4.4.4.1 SaleTransactionIdentification <SaleTxId>

*Presence:* [1..1]

*Definition:* Sale System identification of the transaction in an unambiguous way.

**SaleTransactionIdentification <SaleTxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2369

#### 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  
"RetailerPaymentResult8" on page 2003 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2023
	TransactionIdentification <TxId>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2025
	TransactionIdentification <TxId>	[1..1]	±		2025
	POIIdentification <POIID>	[1..1]			2025
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApplBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkupDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtDtls>	[0..*]	±		2035
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtls>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrtctdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgbty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <ApblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtDtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

#### 11.4.2.4.4.7 PaymentReceipt <PmtRct>

*Presence:* [0..\*]

*Definition:* Customer or Merchant payment receipt.

**PaymentReceipt <PmtRct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1330
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1331
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1331
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1331

#### 11.4.2.4.4.7.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 11.4.2.4.4.7.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 11.4.2.4.4.7.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 11.4.2.4.4.7.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutputBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 11.4.2.4.4.8 LoyaltyResult <LltyRsIt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Account</b> <Acct>	[1..1]	±		1333
	<b>Amount</b> <Amt>	[0..1]			1334
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334
	<b>ServerData</b> <SvrData>	[0..1]			1334
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1335
	<b>Rebates</b> <Rbts>	[0..1]			1335
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1336
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1336
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1337

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 11.4.2.4.4.4.8.2 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1334
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1334
	<b>Amount</b> <Amt>	[1..1]	Amount		1334

##### 11.4.2.4.4.4.8.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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

##### 11.4.2.4.4.4.8.2.2 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the amount is Unit is Monetary.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

#### Constraints

- **ActiveCurrency**

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

##### 11.4.2.4.4.4.8.2.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 11.4.2.4.4.4.8.3 ServerData <SvrData>

*Presence:* [0..1]

*Definition:* Data sent by the Loyalty server.

**ServerData <SvrData>** contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1335
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1335
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1335
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1335

#### 11.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

#### 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 2375

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

*Presence:* [0..1]

*Definition:* Identifier of a reconciliation period with a payment or loyalty host.

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.8.4 Rebates <Rbts>

*Presence:* [0..1]

*Definition:* Rebate information.

**Rebates <Rbts>** contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1336
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1336
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1337

#### 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 2292

#### 11.4.2.4.4.4.8.4.2 RebateLabel <RbtLabl>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.4.8.4.3 SaleItemRebate <SaleitmRbt>

*Presence:* [0..\*]

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

**SaleItemRebate <SaleitmRbt>** contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1336
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1337

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 11.4.2.4.4.8.4.3.2 RebateLabel <RbtLbl>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.9 CustomerOrder <CstmrOrdr>

*Presence:* [0..\*]

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

**CustomerOrder <CstmrOrd>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 11.4.2.4.4.5 ReversalResponse <RvslRspn>

*Presence:* [0..1]

*Definition:* Response Data to a Reversal request.

**ReversalResponse <RvslRspn>** contains the following **ReversalResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1339
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1339
	POITransactionIdentification <POITxId>	[1..1]	±		1339
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1339
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1339
	ReversalTransactionResult <RvslTxRslt>	[1..1]	±		1339
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1344
	Receipt <Rct>	[0..*]			1344
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1345
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	OutputContent <OutptCntt>	[1..1]	±		1346

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2369

#### 11.4.2.4.4.5.6 ReversalTransactionResult <RvsITxRsIt>

*Presence:* [1..1]

*Definition:* Result of reversal transaction.

**ReversalTransactionResult <RvslTxRslt>** contains the following elements (see  
"RetailerReversalResult8" on page 1947 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1952
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1952
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1957
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1957
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1958
	TransactionType <TxTp>	[1..1]	CodeSet		1958
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1959
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1960
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1960
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1961
	TransactionIdentification <TxId>	[1..1]	±		1961
	OriginalTransaction <OrgnlTx>	[0..1]			1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1973
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1974
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1974
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1974
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1974
	TransactionDetails <TxDtls>	[1..1]			1975
	Currency <Ccy>	[0..1]	CodeSet	C1	1978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		1978
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtldAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtnTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <Saleitm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctcdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995
	AuthorisationResult <AuthstnRslt>	[0..1]			1995

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1997
	CustomerOrder <CstmrOrdr>	[0..1]	±		1997
	CustomerToken <CstmrTkn>	[0..1]	±		1997
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1998
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1998
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1998
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1998
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1999
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1999
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1999
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1999
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002
	CustomerOrder <CstmrOrdr>	[0..*]	±		2002

#### 11.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

*Presence:* [0..1]

*Definition:* Amount that have been reverse.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 11.4.2.4.4.5.8 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Various receipts linked to the reversal.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1345
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1345
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1345
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1346

#### 11.4.2.4.4.5.8.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 11.4.2.4.4.5.8.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 11.4.2.4.4.5.8.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 11.4.2.4.4.5.8.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutptCntt>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 **BalanceInquiryResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1347
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1348
	<b>PaymentAccount</b> <PmtAcct>	[0..1]			1348
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349
	<b>LoyaltyAccount</b> <LltyAcct>	[0..1]	±		1349
	<b>StoredValueAccount</b> <StordValAcct>	[0..*]			1349
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353
	<b>Receipt</b> <Rct>	[0..*]			1353
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1348
	<b>CurrentBalance</b> <CurBal>	[0..1]	Amount		1349
	<b>PaymentAcquirerData</b> <PmtAcqrrData>	[0..1]	±		1349

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 1807 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1807
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1808

#### 11.4.2.4.4.6.4 LoyaltyAccount <LltyAcct>

*Presence:* [0..1]

*Definition:* Loyalty account information.

**LoyaltyAccount <LltyAcct>** contains the following elements (see "LoyaltyAccount3" on page 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1350
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1351
	<b>Identification</b> <Id>	[0..1]	Text		1351
	<b>Brand</b> <Brnd>	[0..1]	Text		1351
	<b>Provider</b> <Prvdr>	[0..1]	Text		1351
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1351
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1352
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1352
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1352
	<b>Balance</b> <Bal>	[0..1]	Amount		1353

#### 11.4.2.4.4.6.5.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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 2313

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 2371

#### 11.4.2.4.4.6.5.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.6.5.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.6.5.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 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 2369

#### 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 2312

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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 11.4.2.4.4.6.6 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Receipt to print after a balance inquiry.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1353
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1353
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1354
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1354

#### 11.4.2.4.4.6.6.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 11.4.2.4.4.6.6.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 11.4.2.4.4.6.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 11.4.2.4.4.6.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutptCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1355
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1355
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1356
	<b>Result</b> <Rslt>	[0..*]			1356
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1359
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1360

#### 11.4.2.4.4.7.1 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.7.2 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>Account</b> <Acct>	[1..1]	±		1356
	<b>Amount</b> <Amt>	[0..1]			1357
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358
	<b>ServerData</b> <SvrData>	[0..1]			1358
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1359
	<b>Rebates</b> <Rbts>	[0..1]			1359
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1359
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1360

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1357
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1357
	<b>Amount</b> <Amt>	[1..1]	Amount		1358

#### 11.4.2.4.4.7.4.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1358
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1358
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1358
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1359

##### 11.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

##### 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 2375

##### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1359
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1359
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1359
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1360

#### 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 2292

#### 11.4.2.4.4.7.4.4.2 RebateLabel <RbtLbl>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1360
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1360

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 11.4.2.4.4.8 StoredValueResponse <StordValRspn>

*Presence:* [0..1]

*Definition:* Response data to a Stored Value request.

**StoredValueResponse <StordValRspn>** contains the following **StoredValueResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1366
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1366
	<b>Result</b> <RsIt>	[0..*]			1367
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIId>	[1..1]			1388

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvICty>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1417

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1428
	<b>Receipt</b> <Rct>	[0..*]			1428
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### **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 **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		1373
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1373
	<b>AccountIdentification</b> <AcctId>	[0..1]			1373
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1377
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIId>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1427
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1427
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1427
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1427
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1428

#### 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 2371

#### 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 2356

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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1374
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1375
	<b>Identification</b> <Id>	[0..1]	Text		1375
	<b>Brand</b> <Brnd>	[0..1]	Text		1375
	<b>Provider</b> <Prvdr>	[0..1]	Text		1375
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1375
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1376
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1376
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1376
	<b>Balance</b> <Bal>	[0..1]	Amount		1377

#### 11.4.2.4.4.8.3.3.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 11.4.2.4.4.8.3.3.2 IdentificationType <IdTp>

*Presence:* [0..1]

*Definition:* Type of identification for this Stored Value Account.

*Datatype:* "CardIdentificationType1Code" on page 2313

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.

#### 11.4.2.4.4.8.3.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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 2371

#### 11.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 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 2369

#### 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 2312

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.)

#### 11.4.2.4.4.8.3.3.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

**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 **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1382
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1382
	<b>PaymentTypeInfoInformation</b> <PmtTpInf>	[0..1]	±		1383
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1383
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1384
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1385
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1385
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1386
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1386
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1386
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1398
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1399
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1399
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1399
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1399
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1400
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtlAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvlCtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1420
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1422
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1422
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1422
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1423
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1423
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1423
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1423
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1424
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1424
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1424
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1424
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427

#### 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 2366):

- *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 2337

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.

#### 11.4.2.4.4.8.3.4.3 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 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 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 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 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.8.3.4.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1388
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1388
	<b>POIIdentification</b> <POIID>	[1..1]			1388
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1390
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1398

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1389
	<b>Type</b> <Tp>	[0..1]	CodeSet		1389
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1389
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1390

#### 11.4.2.4.4.8.3.4.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.4.4.8.3.4.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 11.4.2.4.4.8.3.4.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 11.4.2.4.4.8.3.4.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1392
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1392
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1392
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1398

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1394
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1394
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1395
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1395
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1395
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1395
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1395
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1395
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1395
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396
	<b>ApplicableBinRange</b> <AplBlBinRg>	[0..*]			1396
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1397
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1398
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1398
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1398

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1394
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1394
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1394
	<b>Name</b> <Nm>	[0..1]	Text		1394

##### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1396
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1396
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1396
	<b>Name</b> <Nm>	[0..1]	Text		1396

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1397
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1397

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1397
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1397
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1397

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		1398
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1398

##### 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 2367

##### 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 2371

#### 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 <DclrtnDtls>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

**11.4.2.4.4.8.3.4.16 TransactionDetails <TxDtls>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1403
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1403
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1403
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1403
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1403
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1404
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1404
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1404
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1404
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1404
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1405
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1405
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1406
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1414
	<b>Instalment</b> <Instlmt>	[0..*]	±		1415
	<b>Recurring</b> <Rcrng>	[0..1]	±		1416
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1417
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1417
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1417
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		1418
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1418
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1418
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1418
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1419
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1419
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1420

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 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 2333

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 2371

#### 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 2310

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

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

#### 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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1408
	<b>Conversion</b> <Convs>	[0..1]			1408
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1414

#### 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 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1410
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1410
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1411
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1411
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1411
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1411
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1411
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1411
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1411
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1412
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1413
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1414
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1414
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1414

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1410
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1410
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1410
	<b>Name</b> <Nm>	[0..1]	Text		1410

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **11.4.2.4.4.8.3.4.16.13.2.5 InvertedExchangeRate <NvrtXchgRate>**

*Presence:* [0..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1412
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1412
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1412
	<b>Name</b> <Nm>	[0..1]	Text		1412

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1413
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1413

**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 2369

**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 2369

**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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1413
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1413
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1413

**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 2292

**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 2292

**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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		1414
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1414

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 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 2369

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		1419
	<b>Value</b> <Val>	[0..1]	Binary		1419
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1419
	<b>Type</b> <Tp>	[0..1]	Text		1420

##### 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 2368

##### 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 2292

##### 11.4.2.4.4.8.3.4.16.24.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1420
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1421
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1422

##### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1421
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1421
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1422

#### 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 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 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 2373

#### 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 2373

#### 11.4.2.4.4.8.3.4.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 11.4.2.4.4.8.3.4.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1424
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1425
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1426
	<b>Retry</b> <Rtry>	[0..1]	±		1426
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1427

##### 11.4.2.4.4.8.3.4.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 11.4.2.4.8.3.4.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 11.4.2.4.4.8.3.4.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 11.4.2.4.4.8.3.4.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3"](#) on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 11.4.2.4.4.8.3.4.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6"](#) on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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 2371

#### 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 2371

#### 11.4.2.4.4.8.3.7 ItemAmount <ItmAmt>

*Presence:* [0..1]

*Definition:* Total amount of the item line.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 2292

#### 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 2295

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.8.4 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Customer or Merchant payment receipt.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1428
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1429
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1429
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1429

##### 11.4.2.4.4.8.4.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.

CodeName	Name	Definition
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

#### 11.4.2.4.4.8.4.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 11.4.2.4.4.8.4.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 11.4.2.4.4.8.4.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutputBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 11.4.2.4.4.9 BatchResponse <BtchRspn>

*Presence:* [0..1]

*Definition:* Content of the Batch Response message.

**BatchResponse <BtchRspn>** contains the following **BatchResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleBatchIdentification</b> <SaleBtchId>	[0..1]	±		1431
	<b>POIBatchIdentification</b> <POIBtchId>	[0..1]	±		1432
	<b>PerformedTransaction</b> <PrfrmdTx>	[0..*]			1432
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1445
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

*Presence:* [0..\*]

*Definition:* Performed transaction content.

**PerformedTransaction <PrfrmdTx>** contains the following **PerformedTransaction8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Response</b> <Rspn>	[1..1]	±		1433
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1434
	<b>POITransactionIdentification</b> <POITxId>	[0..1]	±		1434
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1434
	<b>PaymentResult</b> <PmtRslt>	[0..1]	±		1434
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			1442
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LltySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LltyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1445
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1446
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1446

#### 11.4.2.4.4.9.3.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Response for this performed transaction.

**Response <Rspn>** contains the following elements (see ["ResponseType11" on page 2184](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2195](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 11.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

*Definition:* Identification of the POI reconciliation period.

*Datatype:* ["Max35Text" on page 2371](#)

#### 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 "RetailerPaymentResult8" on page 2003 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTxx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2023
	TransactionIdentification <TxId>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2025
	TransactionIdentification <TxId>	[1..1]	±		2025
	POIIdentification <POIID>	[1..1]			2025
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkUpDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtDtls>	[0..*]	±		2035
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtls>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrtctdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgbty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <ApblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtDtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

#### 11.4.2.4.4.9.3.6 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
	<b>Account</b> <Acct>	[1..1]	±		1442
	<b>Amount</b> <Amt>	[0..1]			1443
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444
	<b>ServerData</b> <SvrData>	[0..1]			1444
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445
	<b>Rebates</b> <Rbts>	[0..1]			1445
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1445
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1443
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1443
	<b>Amount</b> <Amt>	[1..1]	Amount		1444

#### 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 2305

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 2295

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1444
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1444
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1444
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1445

##### 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 2371

##### 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 2375

##### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1445
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1445
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1445
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446

#### 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 2292

#### 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 2371

#### 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
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1446
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1446

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2292

#### 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
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1447
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1447
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1447
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1448
	<b>LoyaltyAccount</b> <LtyAcct>	[0..*]	±		1448
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1448

##### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

##### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

##### 11.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

*Presence:* [0..\*]

*Definition:* Type of payment card.

*Datatype:* "Max35Text" on page 2371

#### 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 2330

##### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

#### 11.4.2.4.4.10.5 LoyaltyAccount <LltyAcct>

*Presence:* [0..\*]

*Definition:* Loyalty account information.

**LoyaltyAccount <LltyAcct>** contains the following elements (see "[LoyaltyAccount3](#)" on page 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### **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
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[1..1]	Text		1452
	<b>TransactionTotalsSet</b> <TxTtlsSet>	[0..*]			1452
	<b>PaymentInstrumentType</b> <PmtInstrmTp>	[1..1]	CodeSet		1454
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		1454
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1454
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1454
	<b>Brand</b> <Brnd>	[0..1]	Text		1455
	<b>POIIdentification</b> <POIId>	[0..1]	Text		1455
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1455
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1455
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1455
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1455
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1455
	<b>Address</b> <Adr>	[0..1]	Text		1456
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1456
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1456
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1456
	<b>TransactionTotal</b> <TxTtl>	[1..1]			1456
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		1456
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1457
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1457
	<b>Type</b> <Tp>	[1..1]	CodeSet		1457
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1457
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1458
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1458
	<b>LoyaltyTransactionTotal</b> <LltyTxTtl>	[0..*]			1458
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		1458
	<b>LoyaltyUnit</b> <LltyUnit>	[0..1]	CodeSet		1459
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1459
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1459

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1459
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1460
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1460
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1460

#### 11.4.2.5.1 POIReconciliationIdentification <POIRcncldId>

*Presence:* [1..1]

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

*Datatype:* "Max35Text" on page 2371

#### 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
	<b>PaymentInstrumentType</b> <PmtInstrmTp>	[1..1]	CodeSet		1454
	<b>AcquirerIdentification</b> <Acqrrld>	[0..1]	Text		1454
	<b>ReconciliationIdentification</b> <Rcncltnld>	[0..1]	Text		1454
	<b>SaleReconciliationIdentification</b> <SaleRcncltnld>	[0..1]	Text		1454
	<b>Brand</b> <Brnd>	[0..1]	Text		1455
	<b>POIIdentification</b> <POIld>	[0..1]	Text		1455
	<b>SaleIdentification</b> <Saleld>	[0..1]	Text		1455
	<b>CashierIdentification</b> <Cshrlld>	[0..1]	Text		1455
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1455
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1455
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1455
	<b>Address</b> <Adr>	[0..1]	Text		1456
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1456
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1456
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1456
	<b>TransactionTotal</b> <TxTtl>	[1..1]			1456
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		1456
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1457
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1457
	<b>Type</b> <Tp>	[1..1]	CodeSet		1457
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1457
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1458
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1458
	<b>LoyaltyTransactionTotal</b> <LtyTxTtl>	[0..*]			1458
	<b>POIGroupIdentification</b> <POIGrpld>	[0..1]	Text		1458
	<b>LoyaltyUnit</b> <LtyUnit>	[0..1]	CodeSet		1459
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1459
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1459
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1459
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1460
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1460

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1460

#### 11.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

*Presence:* [1..1]

*Definition:* Type of payment instrument.

*Datatype:* "PaymentInstrumentType2Code" on page 2337

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 2371

#### 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 2371

#### 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 2371

#### 11.4.2.5.2.5 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand of payment card or loyalty system.

*Datatype:* "Max35Text" on page 2371

#### 11.4.2.5.2.6 POIIdentification <POIId>

*Presence:* [0..1]

*Definition:* Identifier of the POI system performing a reconciliation.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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 2371

#### 11.4.2.5.2.9 ShiftNumber <ShftNb>

*Presence:* [0..1]

*Definition:* Identifies the shift of the cashier.

*Datatype:* "Max2NumericText" on page 2370

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1455
	<b>Address</b> <Adr>	[0..1]	Text		1456
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1456
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1456
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1456

##### 11.4.2.5.2.10.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

#### 11.4.2.5.2.10.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

#### 11.4.2.5.2.10.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

#### 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 2375

#### 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 2371

#### 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
	<b>POIGroupIdentification</b> <POIGrpId>	[0..1]	Text		1456
	<b>CardProductProfile</b> <CardPdctPrfl>	[0..1]	Text		1457
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1457
	<b>Type</b> <Tp>	[1..1]	CodeSet		1457
	<b>TotalNumber</b> <TtlNb>	[1..1]	Quantity		1457
	<b>CumulativeAmount</b> <CmltvAmt>	[1..1]	Amount		1458
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1458

##### 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 2371

#### 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 2371

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2361

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 2366

#### 11.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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		1458
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1459
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1459
	Currency <Ccy>	[0..1]	CodeSet	C1	1459
	TransactionType <TxTp>	[1..1]	CodeSet		1459
	TotalNumber <TtlNb>	[1..1]	Quantity		1460
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1460
	DetailedAmount <DtldAmt>	[0..1]	±		1460

#### 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 2371

#### 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 2305

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 2371

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2332

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 2366

#### 11.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

*Presence:* [1..1]

*Definition:* Total amount of a collection of transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

## **12      casp.011.001.08 SaleToPOIAbortV08**

### **12.1    MessageDefinition Functionality**

The SaleToPOIAbort message is sent by a sale system to abort process on POI.

#### Outline

The SaleToPOIAbortV08 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]			1466
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1467
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1468
	ExchangeIdentification <XchgId>	[1..1]	Text		1468
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1468
	InitiatingParty <InitgPty>	[1..1]	±		1468
	RecipientParty <RcptPty>	[0..1]	±		1469
	Traceability <Tracblt>	[0..*]	±		1470
	Abort <Abrt>	[1..1]			1470
	Environment <Envt>	[1..1]	±	C8	1473
	Context <Cntxt>	[1..1]		C9	1479
	PaymentContext <PmtCntxt>	[0..1]			1482
	CardPresent <CardPres>	[0..1]	Indicator		1482
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1482
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1483
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1483
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1483
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1483
	BusinessArea <BizArea>	[0..1]	CodeSet		1484
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1484
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1484
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1485
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1485
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1486
	SaleContext <SaleCntxt>	[0..1]			1486
	SaleIdentification <SaleId>	[0..1]	Text		1487
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1487
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1488
	CashierIdentification <CshrlId>	[0..1]	Text		1488

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1488
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1488
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1488
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1488
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1488
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1489
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1489
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1489
	<b>Address</b> <Adr>	[0..1]	Text		1489
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1489
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1489
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1489
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1490
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1490
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1490
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1490
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1490
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1491
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1491
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1491
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1492
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1492
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1492
	<b>Debtor</b> <Dbtr>	[0..1]	±		1493
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1494
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1494
	<b>Creditor</b> <Cdtr>	[0..1]	±		1494
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1495
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1496
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1496
	<b>Debtor</b> <Dbtr>	[0..1]	±		1497

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1498
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1499
	<b>Creditor</b> <Cdtr>	[0..1]	±		1499
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1500
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1501
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1501
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1502
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1502
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1502
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1502
	<b>SystemAbort</b> <SysAbtr>	[1..1]			1502
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1503
	<b>AbortReason</b> <AbtrRsn>	[1..1]	Text		1503
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		1503
	<b>TransactionSuccess</b> <TxSucss>	[0..1]	Indicator		1504
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1504
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1505

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1467
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1468
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1468
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1468
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1468
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1469
	<b>Traceability</b> <Tracblt>	[0..*]	±		1470

### 12.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 12.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 12.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 12.4.2 Abort <Abtr>

*Presence:* [1..1]

*Definition:* Information related to an abort request.

**Abort <Abtr>** contains the following **SystemAbort9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	1473
	<b>Context</b> <Cntxt>	[1..1]		C9	1479
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1482
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1482
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1482
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1483
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1483
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1483
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1483
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1484
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1484
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1484
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1485
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1485
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1486
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1486
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1487
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1487
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1488
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1488
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1488
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1488
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1488
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1488
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1488
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1489
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1489
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1489
	<b>Address</b> <Adr>	[0..1]	Text		1489
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1489
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1489

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		1489
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1490
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1490
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		1490
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1490
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1490
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1491
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1491
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1491
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1492
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1492
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1492
	<b>Debtor</b> <Dbtr>	[0..1]	±		1493
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1494
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1494
	<b>Creditor</b> <Cdtr>	[0..1]	±		1494
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1495
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1496
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1496
	<b>Debtor</b> <Dbtr>	[0..1]	±		1497
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1498
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1499
	<b>Creditor</b> <Cdtr>	[0..1]	±		1499
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1500
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1501
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1501
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1502
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1502
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1502
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1502
	<b>SystemAbort</b> <SysAbtr>	[1..1]			1502

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1503
	<b>AbortReason</b> <AbrtRsn>	[1..1]	Text		1503
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		1503
	<b>TransactionSuccess</b> <TxSucss>	[0..1]	Indicator		1504
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1504

### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <Drvrld>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1482
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1482
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1482
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1483
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1483
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1483
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1483
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1484
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1484
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1484
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1485
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1485
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1486
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1486
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1487
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1487
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1488
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1488
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1488
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1488
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		1488
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		1488
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1488
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1489
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1489
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1489
	<b>Address</b> <Adr>	[0..1]	Text		1489
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1489
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1489
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1489
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1490

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1490
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1490
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1490
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1490
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1491
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1491
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1491
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1492
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1492
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1492
	<b>Debtor</b> <Dbtr>	[0..1]	±		1493
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1494
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1494
	<b>Creditor</b> <Cdtr>	[0..1]	±		1494
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1495
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1496
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1496
	<b>Debtor</b> <Dbtr>	[0..1]	±		1497
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1498
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1499
	<b>Creditor</b> <Cdtr>	[0..1]	±		1499
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1500
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1501
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1501
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1502
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1502
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1502
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1502

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1482
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		1482
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1483
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1483
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1483
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1483
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1484
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1484
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1484
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1485
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1485
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1486

#### 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 2366](#)):

- *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 2366](#)):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1487
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1487
	<b>SaleReconciliationIdentification</b> <SaleRcncld>	[0..1]	Text		1488
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1488
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1488
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1488
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1488
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1488
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1488
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1489
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1489
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1489
	<b>Address</b> <Adr>	[0..1]	Text		1489
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1489
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1489
	<b>RegisteredIdentifier</b> <RegldId>	[1..1]	Text		1489
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1490
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1490
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1490
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1490
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1490
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1491
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1491

#### 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 2371

#### 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 2371

#### **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 2371

#### **12.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **12.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **12.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1489
	<b>Address</b> <Adr>	[0..1]	Text		1489
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1489
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1489
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1489

##### 12.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 12.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 12.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 12.4.2.2.2.14 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1492
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1492
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1492
	<b>Debtor</b> <Dbtr>	[0..1]	±		1493
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1494
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1494
	<b>Creditor</b> <Cdtr>	[0..1]	±		1494
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1495
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1496

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1497
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1498
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1499
	<b>Creditor</b> <Cdtr>	[0..1]	±		1499
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1500
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1501
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1501
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1502
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1502
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1502
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1502

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1502
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1502
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1502
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1502

#### 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 2371

#### 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 2364

#### 12.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 12.4.2.3 SystemAbort <SysAbrt>

*Presence:* [1..1]

*Definition:* Body of the Abort Request message.

**SystemAbort <SysAbtr>** contains the following **AbortData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1503
	<b>AbortReason</b> <AbtrRsn>	[1..1]	Text		1503
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		1503
	<b>TransactionSuccess</b> <TxSucss>	[0..1]	Indicator		1504

#### 12.4.2.3.1 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Message identifier.

*Datatype:* "Max35Text" on page 2371

#### 12.4.2.3.2 AbortReason <AbtrRsn>

*Presence:* [1..1]

*Definition:* Reason of aborting a transaction.

*Datatype:* "Max140Text" on page 2369

#### 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 ["ActionMessage12"](#) on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2366):

- *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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

## 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 2262](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **13      casp.012.001.08 SaleToPOIEventNotificationV08**

## **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 SaleToPOIEventNotificationV08 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]			
	<b>Header</b> <Hdr>	[1..1]			1510
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1511
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1512
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1512
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1512
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1512
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1513
	<b>Traceability</b> <Tracblt>	[0..*]	±		1514
	<b>EventNotification</b> <EvtNtfctn>	[1..1]			1514
	<b>Environment</b> <Envt>	[1..1]	±	C8	1517
	<b>Context</b> <Cntxt>	[1..1]		C9	1523
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1526
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1526
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1526
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1527
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1527
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1527
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1527
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1528
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1528
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1528
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1529
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1529
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1530
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1530
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1531
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1531
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1532
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1532

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1532
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1532
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1532
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1532
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1532
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1533
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1533
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1533
	<b>Address</b> <Adr>	[0..1]	Text		1533
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1533
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1533
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1533
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1534
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1534
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1534
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1534
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1534
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1535
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1535
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1535
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1536
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1536
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1536
	<b>Debtor</b> <Dbtr>	[0..1]	±		1537
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1538
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1538
	<b>Creditor</b> <Cdtr>	[0..1]	±		1538
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1539
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1540
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1540
	<b>Debtor</b> <Dbtr>	[0..1]	±		1541

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1542
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1543
	<b>Creditor</b> <Cdtr>	[0..1]	±		1543
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1544
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1545
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1545
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1546
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1546
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1546
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1546
	<b>EventNotification</b> <EvtNtfctn>	[1..1]			1546
	<b>RetailerEvent</b> <RtlrEvt>	[1..1]			1547
	<b>EventTimeStamp</b> <EvtTmStmp>	[1..1]	DateTime		1547
	<b>EventToNotify</b> <EvtToNtfy>	[1..1]	CodeSet		1547
	<b>EventContext</b> <EvtCntxt>	[0..1]			1548
	<b>ServiceType</b> <SvcTp>	[1..1]	CodeSet		1549
	<b>ComponentIdentification</b> <CmpntId>	[0..1]	±		1552
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1554
	<b>AdditionalEventInformation</b> <AddtlEvtInf>	[0..1]	Text		1554
	<b>MaintenanceRequiredFlag</b> <MntncReqrdFlg>	[0..1]	Indicator		1555
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C12	1555
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		1555
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1556
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1556

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1511
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1512
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1512
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1512
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1512
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1513
	<b>Traceability</b> <Tracblt>	[0..*]	±		1514

### 13.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 13.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 13.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 13.4.2 EventNotification <EvtNtfctn>

*Presence:* [1..1]

*Definition:* Information related to the notification of an event.

**EventNotification <EvtNtfctn>** contains the following **SystemEventNotification9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment &lt;Envt&gt;</b>	[1..1]	±	C8	1517
	<b>Context &lt;Cntxt&gt;</b>	[1..1]		C9	1523
	<b>PaymentContext &lt;PmtCntxt&gt;</b>	[0..1]			1526
	<b>CardPresent &lt;CardPres&gt;</b>	[0..1]	Indicator		1526
	<b>CardholderPresent &lt;CrdhldrPres&gt;</b>	[0..1]	Indicator		1526
	<b>OnLineContext &lt;OnLineCntxt&gt;</b>	[0..1]	Indicator		1527
	<b>AttendanceContext &lt;AttdncCntxt&gt;</b>	[0..1]	CodeSet		1527
	<b>TransactionEnvironment &lt;TxEnvt&gt;</b>	[0..1]	CodeSet		1527
	<b>TransactionChannel &lt;TxChanl&gt;</b>	[0..1]	CodeSet		1527
	<b>BusinessArea &lt;BizArea&gt;</b>	[0..1]	CodeSet		1528
	<b>AttendantMessageCapable &lt;AttdntMsgCpbl&gt;</b>	[0..1]	Indicator		1528
	<b>AttendantLanguage &lt;AttdntLang&gt;</b>	[0..1]	CodeSet	C12	1528
	<b>CardDataEntryMode &lt;CardDataNtryMd&gt;</b>	[0..1]	CodeSet		1529
	<b>FallbackIndicator &lt;FlbckInd&gt;</b>	[0..1]	CodeSet		1529
	<b>SupportedOption &lt;SpprtdOptn&gt;</b>	[0..*]	CodeSet		1530
	<b>SaleContext &lt;SaleCntxt&gt;</b>	[0..1]			1530
	<b>SaleIdentification &lt;SaleId&gt;</b>	[0..1]	Text		1531
	<b>SaleReferenceNumber &lt;SaleRefNb&gt;</b>	[0..1]	Text		1531
	<b>SaleReconciliationIdentification &lt;SaleRcncltnId&gt;</b>	[0..1]	Text		1532
	<b>CashierIdentification &lt;CshrId&gt;</b>	[0..1]	Text		1532
	<b>CashierLanguage &lt;CshrLang&gt;</b>	[0..*]	CodeSet	C12	1532
	<b>ShiftNumber &lt;ShftNb&gt;</b>	[0..1]	Text		1532
	<b>CustomerOrderRequestFlag &lt;CstmrOrdRReqFlg&gt;</b>	[0..1]	Indicator		1532
	<b>PurchaseOrderNumber &lt;PurchsOrdRNb&gt;</b>	[0..1]	Text		1532
	<b>InvoiceNumber &lt;InvNb&gt;</b>	[0..1]	Text		1532
	<b>DeliveryNoteNumber &lt;DlvryNoteNb&gt;</b>	[0..1]	Text		1533
	<b>SponsoredMerchant &lt;SpnsrdMrchnt&gt;</b>	[0..*]			1533
	<b>CommonName &lt;CmonNm&gt;</b>	[1..1]	Text		1533
	<b>Address &lt;Adr&gt;</b>	[0..1]	Text		1533
	<b>CountryCode &lt;CtryCd&gt;</b>	[1..1]	CodeSet		1533
	<b>MerchantCategoryCode &lt;MrchntCtgyCd&gt;</b>	[1..1]	Text		1533

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		1533
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1534
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1534
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		1534
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1534
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1534
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1535
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1535
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1535
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1536
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1536
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1536
	<b>Debtor</b> <Dbtr>	[0..1]	±		1537
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1538
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1538
	<b>Creditor</b> <Cdtr>	[0..1]	±		1538
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1539
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1540
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1540
	<b>Debtor</b> <Dbtr>	[0..1]	±		1541
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1542
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1543
	<b>Creditor</b> <Cdtr>	[0..1]	±		1543
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1544
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1545
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1545
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1546
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1546
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1546
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1546
	<b>EventNotification</b> <EvtNtfctn>	[1..1]			1546

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RetailerEvent</b> <RtlrEvt>	[1..1]			1547
	<b>EventTimeStamp</b> <EvtTmStmp>	[1..1]	DateTime		1547
	<b>EventToNotify</b> <EvtToNtfy>	[1..1]	CodeSet		1547
	<b>EventContext</b> <EvtCntxt>	[0..1]			1548
	<b>ServiceType</b> <SvcTp>	[1..1]	CodeSet		1549
	<b>ComponentIdentification</b> <CmpntId>	[0..1]	±		1552
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1554
	<b>AdditionalEventInformation</b> <AddtlEvtInf>	[0..1]	Text		1554
	<b>MaintenanceRequiredFlag</b> <MntncReqrdfg>	[0..1]	Indicator		1555
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C12	1555
	<b>DisplayOutput</b> <DispOutpt>	[0..1]	±		1555
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1556

### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <Crdhldrld>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <Drvrld>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1526
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1526
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1526
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1527
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1527
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1527
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1527
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1528
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1528
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1528
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1529
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1529
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1530
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1530
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1531
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1531
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1532
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1532
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1532
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1532
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1532
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1532
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1532
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1533
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1533
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1533
	<b>Address</b> <Adr>	[0..1]	Text		1533
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1533
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1533
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1533
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1534

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1534
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1534
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1534
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1534
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1535
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1535
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1535
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1536
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1536
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1536
	<b>Debtor</b> <Dbtr>	[0..1]	±		1537
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1538
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1538
	<b>Creditor</b> <Cdtr>	[0..1]	±		1538
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1539
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1540
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1540
	<b>Debtor</b> <Dbtr>	[0..1]	±		1541
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1542
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1543
	<b>Creditor</b> <Cdtr>	[0..1]	±		1543
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1544
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1545
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1545
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1546
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1546
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1546
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1546

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1526
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1526
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1527
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1527
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1527
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1527
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1528
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1528
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1528
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1529
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1529
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1530

#### 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 2366):

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

#### 13.4.2.2.1.2 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 2366):

- *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 2366):

- *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 2305

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 <TxEnvnt>

*Presence:* [0..1]

*Definition:* Indicates the environment of the transaction.

*Datatype:* "TransactionEnvironment1Code" on page 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FllbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1531
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1531
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1532
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1532
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1532
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1532
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1532
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1532
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1532
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1533
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1533
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1533
	<b>Address</b> <Adr>	[0..1]	Text		1533
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1533
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1533
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1533
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1534
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1534
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1534
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1534
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1534
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1535
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1535

#### 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 2371

#### 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 2371

#### **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 2371

#### **13.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **13.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **13.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1533
	<b>Address</b> <Adr>	[0..1]	Text		1533
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1533
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1533
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1533

##### 13.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 13.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 13.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1536
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1536
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1536
	<b>Debtor</b> <Dbtr>	[0..1]	±		1537
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1538
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1538
	<b>Creditor</b> <Cdtr>	[0..1]	±		1538
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1539
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1540

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor &lt;Dbtr&gt;</b>	[0..1]	±		1541
	<b>DebtorAccount &lt;DbtrAcct&gt;</b>	[0..1]	±	C7, C6	1542
	<b>ProtectedDebtorAccount &lt;PrtctdDbtrAcct&gt;</b>	[0..1]	±		1543
	<b>Creditor &lt;Cdtr&gt;</b>	[0..1]	±		1543
	<b>CreditorAccount &lt;CdtrAcct&gt;</b>	[0..1]	±	C7, C6	1544
	<b>ProtectedCreditorAccount &lt;PrtctdCdtrAcct&gt;</b>	[0..1]	±		1545
	<b>MandateRelatedInformation &lt;MndtRltdInf&gt;</b>	[1..1]			1545
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1546
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1546
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1546
	<b>ProtectedMandateImage &lt;PrtctdMndtImg&gt;</b>	[0..1]	±		1546

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 <PrctcdDbtrAcct>

*Presence:* [0..1]

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

**ProtectedDebtorAccount <PrctcdDbtrAcct>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1546
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1546
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1546
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1546

#### 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 2371

#### 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 2364

#### 13.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 13.4.2.3 EventNotification <EvtNtfctn>

*Presence:* [1..1]

*Definition:* Content of the EventNotification message.

**EventNotification <EvtNtfctn>** contains the following **EventNotificationData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RetailerEvent &lt;RtlrEvt&gt;</b>	[1..1]			1547
	<b>EventTimeStamp &lt;EvtTmStmp&gt;</b>	[1..1]	DateTime		1547
	<b>EventToNotify &lt;EvtToNtfy&gt;</b>	[1..1]	CodeSet		1547
	<b>EventContext &lt;EvtCntxt&gt;</b>	[0..1]			1548
	<b>ServiceType &lt;SvcTp&gt;</b>	[1..1]	CodeSet		1549
	<b>ComponentIdentification &lt;CmpntId&gt;</b>	[0..1]	±		1552
	<b>SaleIdentification &lt;SaleId&gt;</b>	[0..1]	Text		1554
	<b>AdditionalEventInformation &lt;AddtlEvtInf&gt;</b>	[0..1]	Text		1554
	<b>MaintenanceRequiredFlag &lt;MntncReqrdFlg&gt;</b>	[0..1]	Indicator		1555
	<b>CustomerLanguage &lt;CstmrLang&gt;</b>	[0..1]	CodeSet	C12	1555
	<b>DisplayOutput &lt;DispOutpt&gt;</b>	[0..1]	±		1555

#### 13.4.2.3.1 RetailerEvent <RtlrEvt>

*Presence:* [1..1]

*Definition:* Content of the Retailer Event message.

**RetailerEvent <RtlrEvt>** contains the following **RetailerEvent8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EventTimeStamp &lt;EvtTmStmp&gt;</b>	[1..1]	DateTime		1547
	<b>EventToNotify &lt;EvtToNtfy&gt;</b>	[1..1]	CodeSet		1547
	<b>EventContext &lt;EvtCntxt&gt;</b>	[0..1]			1548
	<b>ServiceType &lt;SvcTp&gt;</b>	[1..1]	CodeSet		1549
	<b>ComponentIdentification &lt;CmpntId&gt;</b>	[0..1]	±		1552
	<b>SaleIdentification &lt;SaleId&gt;</b>	[0..1]	Text		1554
	<b>AdditionalEventInformation &lt;AddtlEvtInf&gt;</b>	[0..1]	Text		1554

##### 13.4.2.3.1.1 EventTimeStamp <EvtTmStmp>

*Presence:* [1..1]

*Definition:* Date and time of the event.

*Datatype:* "ISODatetime" on page 2364

##### 13.4.2.3.1.2 EventToNotify <EvtToNtfy>

*Presence:* [1..1]

*Definition:* Event the POI notifies to the Sale System.

*Datatype:* "EventToNotify2Code" on page 2322

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 **EventContext8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ServiceType</b> <SvcTp>	[1..1]	CodeSet		1549
	<b>ComponentIdentification</b> <CmpntId>	[0..1]	±		1552
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1554

#### 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 2347

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  
"PointOfInteractionComponent18" on page 2094 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 13.4.2.3.1.3.3 SaleIdentification <SaleId>

*Presence:* [0..1]

*Definition:* Identification of the Sale System.

*Datatype:* "Max35Text" on page 2371

#### 13.4.2.3.1.4 AdditionalEventInformation <AddtlEvtInf>

*Presence:* [0..1]

*Definition:* Additional Information according to the event type.

*Datatype:* "Max1025Text" on page 2368

#### 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 2366](#)):

- *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 2330](#)

##### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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 2262](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# 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]			1559
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1559
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1560
	ExchangeIdentification <XchgId>	[1..1]	Text		1560
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1560
	InitiatingParty <InitgPty>	[1..1]	±		1560
	RecipientParty <RcptPty>	[0..1]	±		1561
	Traceability <Tracblt>	[0..*]	±		1562
	Reject <Rjct>	[1..1]			1562
	RejectReason <RjctRsn>	[1..1]	CodeSet		1563
	AdditionalInformation <AddtlInf>	[0..1]	Text		1563
	MessageInError <MsgInErr>	[0..1]	Binary		1563

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1559
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1560
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1560
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1560
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1560
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1561
	<b>Traceability</b> <Tracblt>	[0..*]	±		1562

### 14.3.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 14.3.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 14.3.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 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
	<b>RejectReason</b> <RjctRsn>	[1..1]	CodeSet		1563
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1563
	<b>MessageInError</b> <MsgInErr>	[0..1]	Binary		1563

#### 14.3.2.1 RejectReason <RjctRsn>

*Presence:* [1..1]

*Definition:* Reject reason of the request or the advice.

*Datatype:* "RejectReason1Code" on page 2343

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 2373

#### 14.3.2.3 MessageInError <MsgInErr>

*Presence:* [0..1]

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

*Datatype:* "Max100KBinary" on page 2292

# **15      casp.014.001.08 SaleToPOIMessageStatusRequestV08**

## **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 SaleToPOIMessageStatusRequestV08 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]			1568
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1569
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1570
	ExchangeIdentification <XchgId>	[1..1]	Text		1570
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1570
	InitiatingParty <InitgPty>	[1..1]	±		1570
	RecipientParty <RcptPty>	[0..1]	±		1571
	Traceability <Tracblt>	[0..*]	±		1572
	StatusRequest <StsReq>	[1..1]			1572
	Environment <Envt>	[1..1]	±	C8	1575
	Context <Cntxt>	[1..1]		C9	1581
	PaymentContext <PmtCntxt>	[0..1]			1584
	CardPresent <CardPres>	[0..1]	Indicator		1584
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1584
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1585
	AttendanceContext <AttdntcCntxt>	[0..1]	CodeSet		1585
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1585
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1585
	BusinessArea <BizArea>	[0..1]	CodeSet		1586
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1586
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1586
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1587
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1587
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1588
	SaleContext <SaleCntxt>	[0..1]			1588
	SaleIdentification <SaleId>	[0..1]	Text		1589
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1589
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1590
	CashierIdentification <CshrlId>	[0..1]	Text		1590

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1590
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1590
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1590
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1590
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1590
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1591
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1591
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1591
	<b>Address</b> <Adr>	[0..1]	Text		1591
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1591
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1591
	<b>RegisteredIdentifier</b> <Reglddr>	[1..1]	Text		1591
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1592
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1592
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1592
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1592
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1592
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1593
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1593
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1593
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1594
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1594
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1594
	<b>Debtor</b> <Dbtr>	[0..1]	±		1595
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1596
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1596
	<b>Creditor</b> <Cdtr>	[0..1]	±		1596
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1597
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1598
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1598
	<b>Debtor</b> <Dbtr>	[0..1]	±		1599

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1600
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1601
	<b>Creditor</b> <Cdtr>	[0..1]	±		1601
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1602
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1603
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1603
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1604
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1604
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1604
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1604
	<b>MessageStatusRequestData</b> <MsgStsReqData>	[1..1]			1604
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1605
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1605
	<b>ReceiptReprintFlag</b> <RctRprntFlg>	[0..1]	Indicator		1605
	<b>DocumentQualifier</b> <DocQlfr>	[0..2]	CodeSet		1606
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1606
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1607

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1569
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1570
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1570
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1570
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1570
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1571
	<b>Traceability</b> <Tracblt>	[0..*]	±		1572

#### 15.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 15.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 15.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 15.4.2 StatusRequest <StsReq>

*Presence:* [1..1]

*Definition:* Information related to a status request.

**StatusRequest <StsReq>** contains the following **MessageStatusRequest9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C8	1575
	<b>Context</b> <Cntxt>	[1..1]		C9	1581
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1584
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1584
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1584
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1585
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1585
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1585
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1585
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1586
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1586
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1586
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1587
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1587
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1588
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1588
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1589
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1589
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1590
	<b>CashierIdentification</b> <CshrlId>	[0..1]	Text		1590
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1590
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1590
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1590
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1590
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1590
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1591
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1591
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1591
	<b>Address</b> <Adr>	[0..1]	Text		1591
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1591
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1591

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegIdIdr>	[1..1]	Text		1591
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1592
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1592
	<b>ForceOnlineFlag</b> <ForceOnInFlg>	[0..1]	Indicator		1592
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1592
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1592
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1593
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1593
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1593
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1594
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1594
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1594
	<b>Debtor</b> <Dbtr>	[0..1]	±		1595
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1596
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1596
	<b>Creditor</b> <Cdtr>	[0..1]	±		1596
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1597
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1598
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1598
	<b>Debtor</b> <Dbtr>	[0..1]	±		1599
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1600
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1601
	<b>Creditor</b> <Cdtr>	[0..1]	±		1601
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1602
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1603
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1603
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1604
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1604
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1604
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1604
	<b>MessageStatusRequestData</b> <MsgStsReqData>	[1..1]			1604

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1605
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1605
	<b>ReceiptReprintFlag</b> <RctRprntFlg>	[0..1]	Indicator		1605
	<b>DocumentQualifier</b> <DocQlfr>	[0..2]	CodeSet		1606
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C11	1606

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrhdldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrtctdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctdCrhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1584
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1584
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1584
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1585
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1585
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1585
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1585
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1586
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1586
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C12	1586
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1587
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1587
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1588
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1588
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1589
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1589
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1590
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1590
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1590
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1590
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1590
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1590
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1590
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1591
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1591
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1591
	<b>Address</b> <Adr>	[0..1]	Text		1591
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1591
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1591
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1591
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1592

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1592
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1592
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1592
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1592
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1593
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1593
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C10	1593
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1594
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1594
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1594
	<b>Debtor</b> <Dbtr>	[0..1]	±		1595
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1596
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1596
	<b>Creditor</b> <Cdtr>	[0..1]	±		1596
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1597
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1598
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1598
	<b>Debtor</b> <Dbtr>	[0..1]	±		1599
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1600
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1601
	<b>Creditor</b> <Cdtr>	[0..1]	±		1601
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1602
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1603
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1603
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1604
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1604
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1604
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1604

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1584
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		1584
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1585
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1585
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1585
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1585
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1586
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1586
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C12	1586
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1587
	<b>FallbackIndicator</b> <FlfbckInd>	[0..1]	CodeSet		1587
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1588

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1589
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1589
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1590
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1590
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C12	1590
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1590
	<b>CustomerOrderRequestFlag</b> <CstmrOrdRReqFlg>	[0..1]	Indicator		1590
	<b>PurchaseOrderNumber</b> <PurchsOrdRNb>	[0..1]	Text		1590
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1590
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1591
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1591
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1591
	<b>Address</b> <Adr>	[0..1]	Text		1591
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1591
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1591
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1591
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1592
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1592
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1592
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1592
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1592
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1593
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1593

#### 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 2371

#### 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 2371

#### **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 2371

#### **15.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **15.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **15.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1591
	<b>Address</b> <Adr>	[0..1]	Text		1591
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1591
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1591
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1591

##### 15.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 15.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 15.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### 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 2366):

- *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 2292

#### 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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1594
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1594
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1594
	<b>Debtor</b> <Dbtr>	[0..1]	±		1595
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1596
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1596
	<b>Creditor</b> <Cdtr>	[0..1]	±		1596
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1597
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1598

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1599
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C7, C6	1600
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1601
	<b>Creditor</b> <Cdtr>	[0..1]	±		1601
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C7, C6	1602
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1603
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1603
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1604
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1604
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1604
	<b>ProtectedMandateImage</b> <PrtctdMndtImg>	[0..1]	±		1604

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <Dgstddata>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1604
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1604
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1604
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1604

#### 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 2371

#### 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 2364

#### 15.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1605
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1605
	<b>ReceiptReprintFlag</b> <RctRprntFlg>	[0..1]	Indicator		1605
	<b>DocumentQualifier</b> <DocQlfr>	[0..2]	CodeSet		1606

#### 15.4.2.3.1 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Transaction identification.

*Datatype:* "Max35Text" on page 2371

#### 15.4.2.3.2 InitiatingParty <InitgPty>

*Presence:* [1..1]

*Definition:* Initiating Party information.

**InitiatingParty <InitgPty>** contains the following elements (see "[GenericIdentification177](#)" on page 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 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 2366):

- *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 2321

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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

## 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# **16      casp.015.001.08 SaleToPOIMessageStatusResponseV08**

## **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 SaleToPOIMessageStatusResponseV08 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]			1620
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1621
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1622
	ExchangeIdentification <XchgId>	[1..1]	Text		1622
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1622
	InitiatingParty <InitgPty>	[1..1]	±		1622
	RecipientParty <RcptPty>	[0..1]	±		1623
	Traceability <Tracblt>	[0..*]	±		1624
	StatusResponse <StsRspn>	[1..1]			1624
	Environment <Envt>	[1..1]	±	C9	1635
	Context <Cntxt>	[1..1]		C10	1641
	PaymentContext <PmtCntxt>	[0..1]			1644
	CardPresent <CardPres>	[0..1]	Indicator		1644
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1644
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1645
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1645
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1645
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1645
	BusinessArea <BizArea>	[0..1]	CodeSet		1646
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1646
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1646
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1647
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1647
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1648
	SaleContext <SaleCntxt>	[0..1]			1648
	SaleIdentification <SaleId>	[0..1]	Text		1649
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1649
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1650
	CashierIdentification <CshrId>	[0..1]	Text		1650

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1650
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1650
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1650
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1650
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1650
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1651
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1651
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1651
	<b>Address</b> <Adr>	[0..1]	Text		1651
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1651
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1651
	<b>RegisteredIdentifier</b> <Reglddr>	[1..1]	Text		1651
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1652
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1652
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1652
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1652
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1652
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1653
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1653
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1653
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1654
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1654
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1654
	<b>Debtor</b> <Dbtr>	[0..1]	±		1655
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1656
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1656
	<b>Creditor</b> <Cdtr>	[0..1]	±		1656
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1657
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1658
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1658
	<b>Debtor</b> <Dbtr>	[0..1]	±		1659

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1660
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1661
	<b>Creditor</b> <Cdtr>	[0..1]	±		1661
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1662
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1663
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1663
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1664
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1664
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1664
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1664
	<b>MessageStatusResponseData</b> <MsgStsRspnData>	[1..1]			1664
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1673
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1673
	<b>TransactionResponse</b> <TxRspn>	[1..1]	±		1673
	<b>RepeatedLoyaltyResponse</b> <RepeatdLltyRspn>	[0..1]			1674
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1675
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1675
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1675
	<b>Result</b> <Rslt>	[0..*]			1675
	<b>Account</b> <Acct>	[1..1]	±		1676
	<b>Amount</b> <Amt>	[0..1]			1677
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1677
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1677
	<b>Amount</b> <Amt>	[1..1]	Amount		1677
	<b>ServerData</b> <SvrData>	[0..1]			1677
	<b>LoyaltyServerIdentification</b> <LltySvrId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LltyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678
	<b>Rebates</b> <Rbts>	[0..1]			1678
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1679
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680
	<b>RepeatedPaymentResponse</b> <RpeatdPmtRspn>	[0..1]			1680
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1682
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		1682
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1682
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1682
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1682
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1682
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1690
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1690
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1691
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1691
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1691
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1692
	<b>Account</b> <Acct>	[1..1]	±		1693
	<b>Amount</b> <Amt>	[0..1]			1694
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694
	<b>ServerData</b> <SvrData>	[0..1]			1694
	<b>LoyaltyServerIdentification</b> <LtySvrld>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LtyTxld>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1695
	<b>Rebates</b> <Rbts>	[0..1]			1695
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1696

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <SaleItem>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1697
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1697
	<b>RepeatedReversalResponse</b> <RepeatdRvslRspn>	[0..1]			1698
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1699
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1699
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1699
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1699
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1699
	<b>ReversalTransactionResult</b> <RvslTxRslt>	[1..1]	±		1699
	<b>ReversedAmount</b> <RvslAmt>	[0..1]	Amount		1704
	<b>Receipt</b> <Rct>	[0..*]			1704
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1705
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1705
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1705
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1706
	<b>RepeatedStoredValueResponse</b> <RepeatdStordValRspn>	[0..1]			1706
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1712
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1712
	<b>Result</b> <Rslt>	[0..*]			1713
	<b>Provider</b> <Prvdr>	[0..1]	Text		1719
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1719
	<b>AccountIdentification</b> <AcctId>	[0..1]			1719
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1723
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInfo</b> <PmtTpInf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIID>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <DcmI>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1773
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1773
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1773
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1773
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1774
	<b>Receipt</b> <Rct>	[0..*]			1774
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1774
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1775
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1775

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1775
	<b>RepeatedCardAcquisitionResponse</b> <RpeatdCardAcqstnRspn>	[0..1]			1776
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1776
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1777
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1777
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1777
	<b>LoyaltyAccount</b> <LltyAcct>	[0..*]	±		1777
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1778
	<b>RepeatedSendApplicationProtocolDataUnitCardReaderResponse</b> <RpeatdSndApplPrtcolDataUnitCardRdrRspn>	[0..1]			1778
	<b>Data</b> <Data>	[0..1]	Binary		1779
	<b>CardStatus</b> <CardSts>	[1..1]	Binary		1779
	<b>Response</b> <Rspn>	[1..1]	±		1779
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1779
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1780

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1621
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1622
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1622
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1622
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1622
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1623
	<b>Traceability</b> <Tracblt>	[0..*]	±		1624

#### 16.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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.

#### 16.4.1.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer protocol specifications.

*Datatype:* "Max6Text" on page 2373

#### 16.4.1.3 Exchangeldentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 16.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 16.4.2 StatusResponse <StsRspn>

*Presence:* [1..1]

*Definition:* Information related to the response of a status request.

**StatusResponse <StsRspn>** contains the following **MessageStatusResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[1..1]	±	C9	1635
	<b>Context</b> <Cntxt>	[1..1]		C10	1641
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1644
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1644
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1644
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1645
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1645
	<b>TransactionEnvironment</b> <TxEnvt>	[0..1]	CodeSet		1645
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1645
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1646
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1646
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1646
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1647
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1647
	<b>SupportedOption</b> <SpprtdOptn>	[0..*]	CodeSet		1648
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1648
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1649
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1649
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1650
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1650
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1650
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1650
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1650
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1650
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1650
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1651
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1651
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1651
	<b>Address</b> <Adr>	[0..1]	Text		1651
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1651
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1651

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RegisteredIdentifier</b> <RegdIdr>	[1..1]	Text		1651
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1652
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1652
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1652
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1652
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1652
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1653
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1653
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1653
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1654
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1654
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1654
	<b>Debtor</b> <Dbtr>	[0..1]	±		1655
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1656
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1656
	<b>Creditor</b> <Cdtr>	[0..1]	±		1656
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1657
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1658
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1658
	<b>Debtor</b> <Dbtr>	[0..1]	±		1659
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1660
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1661
	<b>Creditor</b> <Cdtr>	[0..1]	±		1661
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1662
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1663
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1663
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1664
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1664
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1664
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1664
	<b>MessageStatusResponseData</b> <MsgStsRspnData>	[1..1]			1664

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1673
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1673
	<b>TransactionResponse</b> <TxRspn>	[1..1]	±		1673
	<b>RepeatedLoyaltyResponse</b> <RepeatdLtyRspn>	[0..1]			1674
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1675
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1675
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1675
	<b>Result</b> <Rslt>	[0..*]			1675
	<b>Account</b> <Acct>	[1..1]	±		1676
	<b>Amount</b> <Amt>	[0..1]			1677
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1677
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1677
	<b>Amount</b> <Amt>	[1..1]	Amount		1677
	<b>ServerData</b> <SvrData>	[0..1]			1677
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678
	<b>Rebates</b> <Rbts>	[0..1]			1678
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1679
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680
	<b>RepeatedPaymentResponse</b> <RepeatdPmtRspn>	[0..1]			1680
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1682
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1682
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1682
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1682
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1682
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1682

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1690
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1690
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1691
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1691
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1691
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1692
	<b>Account</b> <Acct>	[1..1]	±		1693
	<b>Amount</b> <Amt>	[0..1]			1694
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694
	<b>ServerData</b> <SvrData>	[0..1]			1694
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1695
	<b>Rebates</b> <Rbts>	[0..1]			1695
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1696
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1697
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1697
	<b>RepeatedReversalResponse</b> <RepeatdRvsIRspn>	[0..1]			1698
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1699
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1699
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1699
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1699
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1699
	<b>ReversalTransactionResult</b> <RvsITxRslt>	[1..1]	±		1699
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1704

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Receipt</b> <Rct>	[0..*]			1704
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1705
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1705
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1705
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1706
	<b>RepeatedStoredValueResponse</b> <RpeatdStordValRspn>	[0..1]			1706
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		1712
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1712
	<b>Result</b> <Rslt>	[0..*]			1713
	<b>Provider</b> <Prvdr>	[0..1]	Text		1719
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1719
	<b>AccountIdentification</b> <Acctld>	[0..1]			1719
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1723
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIID>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtdAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UatnddLvICtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionResult</b> <CcyConvsRsIt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1773
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1773
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1773
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1773
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1774
	<b>Receipt</b> <Rct>	[0..*]			1774
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1774
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1775
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1775
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1775
	<b>RepeatedCardAcquisitionResponse</b> <RpeatdCardAcqstnRspn>	[0..1]			1776
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1776
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1777
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1777
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1777
	<b>LoyaltyAccount</b> <LltyAcct>	[0..*]	±		1777
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1778
	<b>RepeatedSendApplicationProtocolDataUnitCardReaderResponse</b> <RpeatdSndApplPrtcolDataUnitCardRdrRspn>	[0..1]			1778
	<b>Data</b> <Data>	[0..1]	Binary		1779

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardStatus</b> <CardSts>	[1..1]	Binary		1779
	<b>Response</b> <Rspn>	[1..1]	±		1779
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C12	1779

#### 16.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

*Impacted by:* C9 "OneElementPresenceRule"

**Environment <Envt>** contains the following elements (see "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <Crdhldrld>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <Drvrld>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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
	<b>PaymentContext</b> <PmtCntxt>	[0..1]			1644
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1644
	<b>CardholderPresent</b> <CrdhldrPres>	[0..1]	Indicator		1644
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1645
	<b>AttendanceContext</b> <AtndncCntxt>	[0..1]	CodeSet		1645
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1645
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1645
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1646
	<b>AttendantMessageCapable</b> <AtndntMsgCpbl>	[0..1]	Indicator		1646
	<b>AttendantLanguage</b> <AtndntLang>	[0..1]	CodeSet	C13	1646
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1647
	<b>FallbackIndicator</b> <FllbckInd>	[0..1]	CodeSet		1647
	<b>SupportedOption</b> <SpptdOptn>	[0..*]	CodeSet		1648
	<b>SaleContext</b> <SaleCntxt>	[0..1]			1648
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1649
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1649
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1650
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1650
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1650
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1650
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrReqFlg>	[0..1]	Indicator		1650
	<b>PurchaseOrderNumber</b> <PurchsOrdrNb>	[0..1]	Text		1650
	<b>InvoiceNumber</b> <InvNb>	[0..1]	Text		1650
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1651
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1651
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1651
	<b>Address</b> <Adr>	[0..1]	Text		1651
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1651
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1651
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1651
	<b>SplitPayment</b> <SpltPmt>	[0..1]	Indicator		1652

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1652
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1652
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1652
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1652
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1653
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1653
	<b>CreditTransferContext</b> <CdtTrfCntxt>	[0..1]		C11	1653
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1654
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1654
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1654
	<b>Debtor</b> <Dbtr>	[0..1]	±		1655
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1656
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1656
	<b>Creditor</b> <Cdtr>	[0..1]	±		1656
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1657
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1658
	<b>DirectDebitContext</b> <DrctDbtCntxt>	[0..1]			1658
	<b>Debtor</b> <Dbtr>	[0..1]	±		1659
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1660
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1661
	<b>Creditor</b> <Cdtr>	[0..1]	±		1661
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1662
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1663
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1663
	<b>MandateIdentification</b> <Mndtld>	[1..1]	Text		1664
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1664
	<b>MandateImage</b> <Mndtlmg>	[0..1]	Binary		1664
	<b>ProtectedMandateImage</b> <PrctcdMndtlmg>	[0..1]	±		1664

## 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
	<b>CardPresent</b> <CardPres>	[0..1]	Indicator		1644
	<b>CardholderPresent</b> <CrhdldrPres>	[0..1]	Indicator		1644
	<b>OnLineContext</b> <OnLineCntxt>	[0..1]	Indicator		1645
	<b>AttendanceContext</b> <AttdncCntxt>	[0..1]	CodeSet		1645
	<b>TransactionEnvironment</b> <TxEnvnt>	[0..1]	CodeSet		1645
	<b>TransactionChannel</b> <TxChanl>	[0..1]	CodeSet		1645
	<b>BusinessArea</b> <BizArea>	[0..1]	CodeSet		1646
	<b>AttendantMessageCapable</b> <AttdntMsgCpbl>	[0..1]	Indicator		1646
	<b>AttendantLanguage</b> <AttdntLang>	[0..1]	CodeSet	C13	1646
	<b>CardDataEntryMode</b> <CardDataNtryMd>	[0..1]	CodeSet		1647
	<b>FallbackIndicator</b> <FlbckInd>	[0..1]	CodeSet		1647
	<b>SupportedOption</b> <SprtdOptn>	[0..*]	CodeSet		1648

#### 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 2366):

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

#### 16.4.2.2.1.2 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 2366):

- *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 2366):

- *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 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 2312

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 2357

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
	<b>SaleIdentification</b> <SaleId>	[0..1]	Text		1649
	<b>SaleReferenceNumber</b> <SaleRefNb>	[0..1]	Text		1649
	<b>SaleReconciliationIdentification</b> <SaleRcncltnId>	[0..1]	Text		1650
	<b>CashierIdentification</b> <CshrId>	[0..1]	Text		1650
	<b>CashierLanguage</b> <CshrLang>	[0..*]	CodeSet	C13	1650
	<b>ShiftNumber</b> <ShftNb>	[0..1]	Text		1650
	<b>CustomerOrderRequestFlag</b> <CstmrOrdrrReqFlg>	[0..1]	Indicator		1650
	<b>PurchaseOrderNumber</b> <PurchsOrdrrNb>	[0..1]	Text		1650
	<b>InvoiceNumber</b> <InvcNb>	[0..1]	Text		1650
	<b>DeliveryNoteNumber</b> <DlvryNoteNb>	[0..1]	Text		1651
	<b>SponsoredMerchant</b> <SpnsrdMrchnt>	[0..*]			1651
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1651
	<b>Address</b> <Adr>	[0..1]	Text		1651
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1651
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1651
	<b>RegisteredIdentifier</b> <Regdldr>	[1..1]	Text		1651
	<b>SplitPayment</b> <Spltpmt>	[0..1]	Indicator		1652
	<b>RemainingAmount</b> <RmngAmt>	[0..1]	Amount		1652
	<b>ForceOnlineFlag</b> <ForceOnlnFlg>	[0..1]	Indicator		1652
	<b>ReuseCardDataFlag</b> <ReuseCardDataFlg>	[0..1]	Indicator		1652
	<b>AllowedEntryMode</b> <AllwdNtryMd>	[0..*]	CodeSet		1652
	<b>SaleTokenScope</b> <SaleTknScp>	[0..1]	CodeSet		1653
	<b>AdditionalSaleData</b> <AddtlSaleData>	[0..1]	Text		1653

#### 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 2371

#### 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 2371

#### **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 2371

#### **16.4.2.2.2.4 CashierIdentification <CshrId>**

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### **16.4.2.2.2.5 CashierLanguage <CshrLang>**

*Presence:* [0..\*]

*Definition:* Languages used by the cashier.

*Impacted by:* C13 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **16.4.2.2.2.9 InvoiceNumber <InvcNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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
	<b>CommonName</b> <CmonNm>	[1..1]	Text		1651
	<b>Address</b> <Adr>	[0..1]	Text		1651
	<b>CountryCode</b> <CtryCd>	[1..1]	CodeSet		1651
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[1..1]	Text		1651
	<b>RegisteredIdentifier</b> <Regldr>	[1..1]	Text		1651

##### 16.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 16.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 16.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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
	<b>AutomaticNotificationOfCashMovement</b> <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1654
	<b>WaitForNotificationBeforeEnding</b> <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1654
	<b>SystemToNotify</b> <SysToNtfy>	[0..1]	Text		1654
	<b>Debtor</b> <Dbtr>	[0..1]	±		1655
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1656
	<b>ProtectedDebtorAccount</b> <PrtctdDbtrAcct>	[0..1]	±		1656
	<b>Creditor</b> <Cdtr>	[0..1]	±		1656
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1657
	<b>ProtectedCreditorAccount</b> <PrtctdCdtrAcct>	[0..1]	±		1658

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 <PrctcdDbtrAcct>

*Presence:* [0..1]

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

**ProtectedDebtorAccount <PrctcdDbtrAcct>** contains the following elements (see "ContentInformationType39" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>Debtor</b> <Dbtr>	[0..1]	±		1659
	<b>DebtorAccount</b> <DbtrAcct>	[0..1]	±	C8, C7	1660
	<b>ProtectedDebtorAccount</b> <PrctcdDbtrAcct>	[0..1]	±		1661
	<b>Creditor</b> <Cdtr>	[0..1]	±		1661
	<b>CreditorAccount</b> <CdtrAcct>	[0..1]	±	C8, C7	1662
	<b>ProtectedCreditorAccount</b> <PrctcdCdtrAcct>	[0..1]	±		1663
	<b>MandateRelatedInformation</b> <MndtRltdInf>	[1..1]			1663
	<b>MandateIdentification</b> <MndtId>	[1..1]	Text		1664
	<b>DateOfSignature</b> <DtOfSgntr>	[0..1]	Date		1664
	<b>MandateImage</b> <MndtImg>	[0..1]	Binary		1664
	<b>ProtectedMandateImage</b> <PrctcdMndtImg>	[0..1]	±		1664

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 <PrctcdDbtrAcct>

*Presence:* [0..1]

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

**ProtectedDebtorAccount <PrctcdDbtrAcct>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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
	<b>MandateIdentification &lt;MndtId&gt;</b>	[1..1]	Text		1664
	<b>DateOfSignature &lt;DtOfSgntr&gt;</b>	[0..1]	Date		1664
	<b>MandateImage &lt;MndtImg&gt;</b>	[0..1]	Binary		1664
	<b>ProtectedMandateImage &lt;PrctcdMndtImg&gt;</b>	[0..1]	±		1664

#### 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 2371

#### 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 2364

#### 16.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 16.4.2.3 MessageStatusResponseData <MsgStsRspnData>

*Presence:* [1..1]

*Definition:* Content of the Message status Response.

**MessageStatusResponseData <MsgStsRspnData>** contains the following  
**MessageStatusResponseData10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1673
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1673
	<b>TransactionResponse</b> <TxRspn>	[1..1]	±		1673
	<b>RepeatedLoyaltyResponse</b> <RepeatdLltyRspn>	[0..1]			1674
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1675
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1675
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1675
	<b>Result</b> <Rslt>	[0..*]			1675
	<b>Account</b> <Acct>	[1..1]	±		1676
	<b>Amount</b> <Amt>	[0..1]			1677
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1677
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1677
	<b>Amount</b> <Amt>	[1..1]	Amount		1677
	<b>ServerData</b> <SvrData>	[0..1]			1677
	<b>LoyaltyServerIdentification</b> <LltySvrId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LltyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678
	<b>Rebates</b> <Rbts>	[0..1]			1678
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1679
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680
	<b>RepeatedPaymentResponse</b> <RepeatdPmtRspn>	[0..1]			1680
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1682
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1682
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1682
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1682
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1682

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1682
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1690
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1690
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1691
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1691
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1691
	<b>LoyaltyResult</b> <LtyRslt>	[0..*]			1692
	<b>Account</b> <Acct>	[1..1]	±		1693
	<b>Amount</b> <Amt>	[0..1]			1694
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694
	<b>ServerData</b> <SvrData>	[0..1]			1694
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1695
	<b>Rebates</b> <Rbts>	[0..1]			1695
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1696
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1697
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		1697
	<b>RepeatedReversalResponse</b> <RpeatdRvslRspn>	[0..1]			1698
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1699
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1699
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1699
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1699
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1699
	<b>ReversalTransactionResult</b> <RvslTxRslt>	[1..1]	±		1699

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReversedAmount</b> <RvsdAmt>	[0..1]	Amount		1704
	<b>Receipt</b> <Rct>	[0..*]			1704
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1705
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1705
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1705
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1706
	<b>RepeatedStoredValueResponse</b> <RpeatdStordValRspn>	[0..1]			1706
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1712
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1712
	<b>Result</b> <Rslt>	[0..*]			1713
	<b>Provider</b> <Prvdr>	[0..1]	Text		1719
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1719
	<b>AccountIdentification</b> <AcctId>	[0..1]			1719
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1723
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIId>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		1751

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1773
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1773
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1773
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1773
	<b>HostTransactionIdentification</b> <HstTxld>	[0..1]	±		1774
	<b>Receipt</b> <Rct>	[0..*]			1774
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1774
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1775
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1775
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1775
	<b>RepeatedCardAcquisitionResponse</b> <RpeatdCardAcqstnRspn>	[0..1]			1776
	<b>SaleTransactionIdentification</b> <SaleTxld>	[0..1]	±		1776
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1777
	<b>PaymentBrand</b> <PmtBrnd>	[0..*]	Text		1777
	<b>CustomerLanguage</b> <CstmrLang>	[0..1]	CodeSet	C13	1777
	<b>LoyaltyAccount</b> <LltyAcct>	[0..*]	±		1777
	<b>CustomerOrder</b> <CstmrOrdr>	[0..*]	±		1778
	<b>RepeatedSendApplicationProtocolDataUnitCardReaderResponse</b> <RpeatdSndApplPrtcolDataUnitCardRdrRspn>	[0..1]			1778

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Data</b> <Data>	[0..1]	Binary		1779
	<b>CardStatus</b> <CardSts>	[1..1]	Binary		1779

#### 16.4.2.3.1 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Identification of the requested previous message.

*Datatype:* "Max35Text" on page 2371

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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
	<b>SaleTransactionIdentification</b> <SaleTxId>	[1..1]	±		1675
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1675
	<b>POIReconciliationIdentification</b> <POIRcncltnId>	[0..1]	Text		1675
	<b>Result</b> <Rslt>	[0..*]			1675
	<b>Account</b> <Acct>	[1..1]	±		1676
	<b>Amount</b> <Amt>	[0..1]			1677
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1677
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1677
	<b>Amount</b> <Amt>	[1..1]	Amount		1677
	<b>ServerData</b> <SvrData>	[0..1]			1677
	<b>LoyaltyServerIdentification</b> <LltySvrlId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LltyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678
	<b>Rebates</b> <Rbts>	[0..1]			1678
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1679
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.4.3 POIRecconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 2371

#### 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
	<b>Account</b> <Acct>	[1..1]	±		1676
	<b>Amount</b> <Amt>	[0..1]			1677
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1677
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1677
	<b>Amount</b> <Amt>	[1..1]	Amount		1677
	<b>ServerData</b> <SvrData>	[0..1]			1677
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678
	<b>Rebates</b> <Rbts>	[0..1]			1678
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1679
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit &lt;Unit&gt;</b>	[0..1]	CodeSet		1677
	<b>Currency &lt;Ccy&gt;</b>	[0..1]	CodeSet	C1	1677
	<b>Amount &lt;Amt&gt;</b>	[1..1]	Amount		1677

##### 16.4.2.3.4.4.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

##### 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
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1678
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1678
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1678
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1678

#### 16.4.2.3.4.4.3.1 LoyaltyServerIdentification <LtySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

#### 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 2375

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1679
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1679
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680

#### 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 2292

#### 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 2371

#### 16.4.2.3.4.4.4.3 SaleItemRebate <SaleitmRbt>

*Presence:* [0..\*]

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

**SaleItemRebate <SaleitmRbt>** contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1679
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1680

#### 16.4.2.3.4.4.4.3.1 SaleItem <Saleitm>

*Presence:* [1..1]

*Definition:* Data of the Sale item.

**SaleItem <Saleitm>** contains the following elements (see "Product6" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 16.4.2.3.5 RepeatedPaymentResponse <RepeatdPmtRspn>

*Presence:* [0..1]

*Definition:* Content of the requested Payment Message Response.

**RepeatedPaymentResponse <RpeatdPmtRspn>** contains the following **PaymentResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxld>	[1..1]	±		1682
	<b>SaleReferenceIdentification</b> <SaleRefld>	[0..1]	Text		1682
	<b>POITransactionIdentification</b> <POITxld>	[1..1]	±		1682
	<b>POIReconciliationIdentification</b> <POIRcncltnld>	[0..1]	Text		1682
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1682
	<b>RetailerPaymentResult</b> <RtlrPmtRslt>	[1..1]	±		1682
	<b>PaymentReceipt</b> <PmtRct>	[0..*]			1690
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1690
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1691
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1691
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1691
	<b>LoyaltyResult</b> <LltyRslt>	[0..*]			1692
	<b>Account</b> <Acct>	[1..1]	±		1693
	<b>Amount</b> <Amt>	[0..1]			1694
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694
	<b>ServerData</b> <SvrData>	[0..1]			1694
	<b>LoyaltyServerIdentification</b> <LltySvrld>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LltyTxld>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnld>	[0..1]	Text		1695
	<b>Rebates</b> <Rbts>	[0..1]			1695
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1696
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1697
	<b>CustomerOrder</b> <CstmrOrd>	[0..*]	±		1697

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 16.4.2.3.5.5 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* ["Max140Text"](#) on page 2369

#### 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  
"RetailerPaymentResult8" on page 2003 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2023
	TransactionIdentification <TxId>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2025
	TransactionIdentification <TxId>	[1..1]	±		2025
	POIIdentification <POIID>	[1..1]			2025
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApplBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkupDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2035
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtIs>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApplBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrtctdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <ApblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

#### 16.4.2.3.5.7 PaymentReceipt <PmtRct>

Presence: [0..\*]

Definition: Customer or Merchant payment receipt.

**PaymentReceipt <PmtRct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1690
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1691
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1691
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1691

##### 16.4.2.3.5.7.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2321

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.

#### 16.4.2.3.5.7.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 16.4.2.3.5.7.3 RequiredSignatureFlag <ReqrdsGntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 16.4.2.3.5.7.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutptCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 16.4.2.3.5.8 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
	<b>Account</b> <Acct>	[1..1]	±		1693
	<b>Amount</b> <Amt>	[0..1]			1694
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694
	<b>ServerData</b> <SvrData>	[0..1]			1694
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvlCd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1695
	<b>Rebates</b> <Rbts>	[0..1]			1695
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleItmRbt>	[0..*]			1696
	<b>SaleItem</b> <SaleItm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLbl>	[0..1]	Text		1697

#### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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
	<b>Unit</b> <Unit>	[0..1]	CodeSet		1694
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1694
	<b>Amount</b> <Amt>	[1..1]	Amount		1694

##### 16.4.2.3.5.8.2.1 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit type for the amount.

*Datatype:* "AmountUnit1Code" on page 2305

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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

##### 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
	<b>LoyaltyServerIdentification</b> <LtySvrId>	[0..1]	Text		1695
	<b>ApprovalCode</b> <ApprvICd>	[0..1]	Text		1695
	<b>LoyaltyTransactionIdentification</b> <LtyTxId>	[0..1]	±		1695
	<b>HostReconciliationIdentification</b> <HstRcncltnId>	[0..1]	Text		1695

#### 16.4.2.3.5.8.3.1 LoyaltyServerIdentification <LtySvrId>

*Presence:* [0..1]

*Definition:* Identification of the loyalty Server.

*Datatype:* "Max35Text" on page 2371

#### 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 2375

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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
	<b>TotalRebate</b> <TtlRbt>	[0..1]	Amount		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1696
	<b>SaleItemRebate</b> <SaleitmRbt>	[0..*]			1696
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1697

#### 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 2292

#### 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 2371

#### 16.4.2.3.5.8.4.3 SaleItemRebate <SaleitmRbt>

*Presence:* [0..\*]

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

**SaleItemRebate <SaleitmRbt>** contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleItem</b> <Saleitm>	[1..1]	±		1696
	<b>RebateLabel</b> <RbtLabl>	[0..1]	Text		1697

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 16.4.2.3.5.9 CustomerOrder <CstmrOrdr>

*Presence:* [0..\*]

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

**CustomerOrder <CstmrOrd>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 16.4.2.3.6 RepeatedReversalResponse <RpeatdRvslRspn>

*Presence:* [0..1]

*Definition:* Content of the requested Reversal Message Response.

**RepeatedReversalResponse <RpeatdRvslRspn>** contains the following **ReversalResponse10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1699
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1699
	POITransactionIdentification <POITxId>	[1..1]	±		1699
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1699
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1699
	ReversalTransactionResult <RvslTxRslt>	[1..1]	±		1699
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1704
	Receipt <Rct>	[0..*]			1704
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1705
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1705
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1705
	OutputContent <OutptCntt>	[1..1]	±		1706

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.6.4 POIReconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 2371

#### 16.4.2.3.6.5 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* ["Max140Text"](#) on page 2369

#### 16.4.2.3.6.6 ReversalTransactionResult <RvsITxRsIt>

*Presence:* [1..1]

*Definition:* Result of reversal transaction.

**ReversalTransactionResult <RvslTxRslt>** contains the following elements (see  
"RetailerReversalResult8" on page 1947 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1952
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1952
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1957
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1957
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1958
	TransactionType <TxTp>	[1..1]	CodeSet		1958
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1959
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1960
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1960
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1961
	TransactionIdentification <TxId>	[1..1]	±		1961
	OriginalTransaction <OrgnlTx>	[0..1]			1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1973
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1974
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1974
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1974
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1974
	TransactionDetails <TxDtls>	[1..1]			1975
	Currency <Ccy>	[0..1]	CodeSet	C1	1978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		1978
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtlAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtnTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <Saleitm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctcdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995
	AuthorisationResult <AuthstnRslt>	[0..1]			1995

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1997
	CustomerOrder <CstmrOrdr>	[0..1]	±		1997
	CustomerToken <CstmrTkn>	[0..1]	±		1997
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1998
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1998
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1998
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1998
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1999
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1999
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1999
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1999
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002
	CustomerOrder <CstmrOrdr>	[0..*]	±		2002

#### 16.4.2.3.6.7 ReversedAmount <RvsdAmt>

*Presence:* [0..1]

*Definition:* Amount that have been reverse.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 16.4.2.3.6.8 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Various receipts linked to the reversal.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1705
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1705
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1705
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1706

#### 16.4.2.3.6.8.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

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.

#### 16.4.2.3.6.8.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 16.4.2.3.6.8.3 RequiredSignatureFlag <ReqrdSgntrFlg>

*Presence:* [0..1]

*Definition:* Flag to indicate that the cardholder payment receipt requires a signature by the customer.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 16.4.2.3.6.8.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutptCntt>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 16.4.2.3.7 RepeatedStoredValueResponse <RpeatdStordValRspn>

*Presence:* [0..1]

*Definition:* Content of the requested StoredValue Message Response.

**RepeatedStoredValueResponse** <RepeatdStordValRspn> contains the following  
**StoredValueResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleTransactionIdentification</b> <SaleTxId>	[0..1]	±		1712
	<b>POITransactionIdentification</b> <POITxId>	[1..1]	±		1712
	<b>Result</b> <RsIt>	[0..*]			1713
	<b>Provider</b> <Prvdr>	[0..1]	Text		1719
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1719
	<b>AccountIdentification</b> <AcctId>	[0..1]			1719
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1723
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>POIIdentification</b> <POIID>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AggregationTransaction</b> <AggtTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <SaleItm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1773
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1773
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1773
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1773
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1774
	<b>Receipt</b> <Rct>	[0..*]			1774
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1774
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1775
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1775
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1775

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.7.3 Result <Rslt>

*Presence:* [0..\*]

*Definition:* Result of loading/reloading a stored value card.

**Result <Rslt>** contains the following **StoredValueData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		1719
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1719
	<b>AccountIdentification</b> <AcctId>	[0..1]			1719
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723
	<b>OriginalPOITransaction</b> <OrgnlPOITx>	[0..1]			1723
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInfo</b> <PmtTplnf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIId>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrhdldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773
	<b>ProductCode</b> <PdctCd>	[0..1]	Text		1773
	<b>EANUPC</b> <EANUPC>	[0..1]	Text		1773
	<b>ItemAmount</b> <ItmAmt>	[0..1]	Amount		1773
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1773
	<b>HostTransactionIdentification</b> <HstTxId>	[0..1]	±		1774

#### 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 2371

#### 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 2356

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
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1720
	<b>IdentificationType</b> <IdTp>	[0..1]	CodeSet		1721
	<b>Identification</b> <Id>	[0..1]	Text		1721
	<b>Brand</b> <Brnd>	[0..1]	Text		1721
	<b>Provider</b> <Prvdr>	[0..1]	Text		1721
	<b>OwnerName</b> <OwnrNm>	[0..1]	Text		1721
	<b>ExpiryDate</b> <XpryDt>	[0..1]	Text		1722
	<b>EntryMode</b> <NtryMd>	[0..1]	CodeSet		1722
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1722
	<b>Balance</b> <Bal>	[0..1]	Amount		1723

#### 16.4.2.3.7.3.3.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 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 2313

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.

#### 16.4.2.3.7.3.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 16.4.2.3.7.3.3.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 16.4.2.3.7.3.3.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 16.4.2.3.7.3.3.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 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 2369

#### 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 2312

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.)

#### 16.4.2.3.7.3.3.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### **16.4.2.3.7.3.4 OriginalPOITransaction <OrgnIPOITx>**

*Presence:* [0..1]

*Definition:* Identification of a previous POI transaction.

**OriginalPOITransaction** <OrgnlPOITx> contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCapture</b> <TxCaptr>	[0..1]	Indicator		1728
	<b>PaymentInstrument</b> <PmtInstrm>	[0..*]	CodeSet		1728
	<b>PaymentTypeInformation</b> <PmtTpInf>	[0..1]	±		1729
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1729
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	CodeSet		1730
	<b>ServiceAttribute</b> <SvcAttr>	[0..1]	CodeSet		1731
	<b>LastTransactionFlag</b> <LastTxFlg>	[0..1]	Indicator		1731
	<b>MerchantCategoryCode</b> <MrchntCtgyCd>	[0..1]	Text		1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1732
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1732
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			1732
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIID>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltgAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1744
	<b>ReconciliationIdentification</b> <RcncltnId>	[0..1]	Text		1745
	<b>IssuerReferenceData</b> <IssrRefData>	[0..1]	Text		1745
	<b>IssuerCITIdentification</b> <IssrCITId>	[0..1]	Text		1745
	<b>MerchantCITIdentification</b> <MrchntCITId>	[0..1]	Text		1745
	<b>TransactionDetails</b> <TxDtls>	[1..1]			1746
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvCtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <AggtnTx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DlvryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766
	<b>AuthorisationResult</b> <AuthstnRslt>	[0..1]			1766
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768
	<b>MerchantReferenceData</b> <MrchntRefData>	[0..1]	Text		1768
	<b>CustomerOrder</b> <CstmrOrd>	[0..1]	±		1768
	<b>CustomerToken</b> <CstmrTkn>	[0..1]	±		1768
	<b>CustomerConsent</b> <CstmrCnsnt>	[0..1]	Indicator		1769
	<b>CardProgrammeProposed</b> <CardPrgrmmPropsd>	[0..*]	Text		1769
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	Text		1769
	<b>SaleToPOIData</b> <SaleToPOIData>	[0..1]	Text		1769
	<b>SaleToAcquirerData</b> <SaleToAcqrrData>	[0..1]	Text		1770
	<b>SaleToIssuerData</b> <SaleToIssrData>	[0..1]	Text		1770
	<b>AdditionalTransactionData</b> <AddtlTxData>	[0..*]	Text		1770
	<b>MessageFromMerchant</b> <MsgFrMrchnt>	[0..*]			1770
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773

#### 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 2366):

- *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 2337

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.

#### 16.4.2.3.7.3.4.3 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 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 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 2315

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

#### 16.4.2.3.7.3.4.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 16.4.2.3.7.3.4.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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 2366):

- *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 2375

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.7.3.4.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SaleReferenceIdentification</b> <SaleRefId>	[0..1]	Text		1734
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1734
	<b>POIIdentification</b> <POIId>	[1..1]			1734
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736
	<b>CurrencyConversion</b> <CcyConvs>	[0..1]			1736
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1744

#### 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 2371

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1735
	<b>Type</b> <Tp>	[0..1]	CodeSet		1735
	<b>Issuer</b> <Issr>	[0..1]	CodeSet		1735
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1736

#### 16.4.2.3.7.3.4.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 16.4.2.3.7.3.4.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 16.4.2.3.7.3.4.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 16.4.2.3.7.3.4.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 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 **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Result</b> <Rslt>	[1..1]	CodeSet		1738
	<b>ResultReason</b> <RsltRsn>	[0..1]	Text		1738
	<b>ConversionDetails</b> <ConvsDtls>	[0..*]			1738
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkupDetails</b> <MrkUpDtls>	[0..*]			1744

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1744

#### 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 2319

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 2371

#### 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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1740
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1740
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1741
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1741
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1741
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1741
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1741
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1741
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1741
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1742
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1743
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1744
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1744
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1744

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1740
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1740
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1740
	<b>Name</b> <Nm>	[0..1]	Text		1740

##### 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 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

##### 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 2366

##### 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 2371

#### **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 2292

#### **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 2367

#### **16.4.2.3.7.3.4.11.4.3.5 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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1742
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1742
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1742
	<b>Name</b> <Nm>	[0..1]	Text		1742

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1743
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1743

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1743
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1743
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1743

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		1744
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1744

##### 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 2367

##### 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 2371

#### 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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2371

#### 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 2369

#### 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 2369

#### 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 2369

**16.4.2.3.7.3.4.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C1	1749
	<b>TotalAmount</b> <TtlAmt>	[1..1]	Amount		1749
	<b>CumulativeAmount</b> <CmltvAmt>	[0..1]	Amount		1749
	<b>AmountQualifier</b> <AmtQlfr>	[0..1]	CodeSet		1749
	<b>DetailedAmount</b> <DtldAmt>	[0..1]	±		1749
	<b>RequestedAmount</b> <ReqdAmt>	[0..1]	Amount		1750
	<b>AuthorisedAmount</b> <AuthrsdAmt>	[0..1]	Amount		1750
	<b>InvoiceAmount</b> <InvcAmt>	[0..1]	Amount		1750
	<b>ValidityDate</b> <VldtyDt>	[0..1]	Date		1750
	<b>OnLineReason</b> <OnLineRsn>	[0..*]	CodeSet		1750
	<b>UnattendedLevelCategory</b> <UattnddLvICtgy>	[0..1]	Text		1751
	<b>AccountType</b> <AcctTp>	[0..1]	CodeSet		1751
	<b>CurrencyConversionResult</b> <CcyConvsRslt>	[0..1]			1752
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvsId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtXdchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <Dclrtndtls>	[0..*]	±		1760
	<b>Instalment</b> <Instlmt>	[0..*]	±		1761
	<b>Recurring</b> <Rcrng>	[0..1]	±		1762
	<b>AggregationTransaction</b> <Aggtntx>	[0..1]	±		1763
	<b>ProductCodeSetIdentification</b> <PdctCdSetId>	[0..1]	Text		1763
	<b>SaleItem</b> <Saleitm>	[0..*]	±		1763
	<b>DeliveryLocation</b> <DivryLctn>	[0..1]	Text		1764
	<b>ReSubmissionCounter</b> <ReSubmissnCnt>	[0..1]	Quantity		1764
	<b>CompletionSequenceNumber</b> <CmpltnSeqNb>	[0..1]	Quantity		1764
	<b>CompletionSequenceCounter</b> <CmpltnSeqCnt>	[0..1]	Quantity		1764
	<b>TotalAuthorisedAmount</b> <TtlAuthrsdAmt>	[0..1]	Amount		1765
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]			1765
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrctcdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Binary		1766

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2292

#### 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 2292

#### 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 2361

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 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 16.4.2.3.7.3.4.16.6 RequestedAmount <ReqdAmt>

**Presence:** [0..1]

**Definition:** Amount requested to be authorised.

**Datatype:** "ImpliedCurrencyAndAmount" on page 2292

#### 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 2292

#### 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 2292

#### 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 2364

#### 16.4.2.3.7.3.4.16.10 OnLineReason <OnLineRsn>

**Presence:** [0..\*]

**Definition:** Reason to process an online authorisation.

**Datatype:** "OnLineReason2Code" on page 2333

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 2371

#### 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 2310

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 **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AcceptedByCardholder</b> <AccptdByCrdhldr>	[0..1]	Indicator		1754
	<b>Conversion</b> <Convs>	[0..1]			1754
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltgtAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtdXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtnDtls>	[0..*]	±		1760

#### 16.4.2.3.7.3.4.16.13.1 AcceptedByCardholder <AcctdByCrdhldr>

*Presence:* [0..1]

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

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

- *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 **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CurrencyConversionIdentification</b> <CcyConvslId>	[0..1]	Text		1756
	<b>TargetCurrency</b> <TrgtCcy>	[1..1]			1756
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756
	<b>ResultingAmount</b> <RsltAmt>	[0..1]	Amount		1757
	<b>ExchangeRate</b> <XchgRate>	[1..1]	Rate		1757
	<b>InvertedExchangeRate</b> <NvrtXchgRate>	[0..1]	Rate		1757
	<b>QuotationDate</b> <QtnDt>	[0..1]	DateTime		1757
	<b>ValidFrom</b> <VldFr>	[0..1]	DateTime		1757
	<b>ValidUntil</b> <VldUntil>	[0..1]	DateTime		1757
	<b>SourceCurrency</b> <SrcCcy>	[1..1]			1757
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758
	<b>ApplicableBinRange</b> <AplblBinRg>	[0..*]			1758
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759
	<b>OriginalAmount</b> <OrgnlAmt>	[0..1]			1759
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759
	<b>CommissionDetails</b> <ComssnDtls>	[0..*]			1760
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>MarkUpDetails</b> <MrkUpDtls>	[0..*]			1760
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760
	<b>DeclarationDetails</b> <DclrtDtls>	[0..*]	±		1760

#### 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 2371

#### 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
	<b>AlphaCode</b> <AlphaCd>	[1..1]	CodeSet	C1	1756
	<b>NumericCode</b> <NmrcCd>	[1..1]	Text		1756
	<b>Decimal</b> <Dcml>	[1..1]	Quantity		1756
	<b>Name</b> <Nm>	[0..1]	Text		1756

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### **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 2292

#### **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 2367

#### **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 2367

#### **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 2364

#### **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 2364

#### **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 2364

#### **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
	<b>AlphaCode</b> <AlphaCd>	[0..1]	CodeSet	C1	1758
	<b>NumericCode</b> <NmrcCd>	[0..1]	Text		1758
	<b>Decimal</b> <Dcml>	[0..1]	Quantity		1758
	<b>Name</b> <Nm>	[0..1]	Text		1758

#### 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 2295

##### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2368

#### 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 2366

#### 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 2371

#### 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
	<b>LowerBin</b> <LwrBin>	[1..1]	Text		1759
	<b>HigherBin</b> <HghrBin>	[1..1]	Text		1759

#### 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 2369

#### 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 2369

#### 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
	<b>ActualAmount</b> <ActlAmt>	[0..1]	Amount		1759
	<b>MinimumAmount</b> <MinAmt>	[0..1]	Amount		1759
	<b>MaximumAmount</b> <MaxAmt>	[0..1]	Amount		1759

#### 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 2292

#### 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 2292

#### 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 2292

#### 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
	<b>Amount</b> <Amt>	[1..1]	Amount		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760

##### 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 2292

##### 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 2371

#### 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
	<b>Rate</b> <Rate>	[1..1]	Rate		1760
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	Text		1760

##### 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 2367

##### 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 2371

#### 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 <Dclrtndtls>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBracd>	[0..1]			2092
	BarcodeType <BracdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BracdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 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 "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 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 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Lab>	[0..1]	Text		2181

#### 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 2369

#### 16.4.2.3.7.3.4.16.18 SaleItem <Saleitm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItem>** contains the following elements (see "Product6" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 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 2371

#### 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 2367

#### 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 2367

#### 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 2367

#### 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 2292

#### 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
	<b>Identification</b> <Id>	[1..1]	Text		1765
	<b>Value</b> <Val>	[0..1]	Binary		1765
	<b>ProtectedValue</b> <PrtctdVal>	[0..1]	±		1765
	<b>Type</b> <Tp>	[0..1]	Text		1766

##### 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 2368

##### 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 2292

##### 16.4.2.3.7.3.4.16.24.3 ProtectedValue <PrtctdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2368

#### 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 2292

#### 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
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	±		1766
	<b>ResponseToAuthorisation</b> <RspnToAuthstn>	[1..1]			1767
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768
	<b>AuthorisationCode</b> <AuthstnCd>	[0..1]	Text		1768

#### 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 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 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
	<b>Response</b> <Rspn>	[1..1]	CodeSet		1767
	<b>ResponseReason</b> <RspnRsn>	[0..1]	Text		1767
	<b>AdditionalResponseInformation</b> <AddtlRspnInf>	[0..1]	Text		1768

#### 16.4.2.3.7.3.4.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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 2371

#### 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 2369

#### 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 2374

#### 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 2373

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2289

#### 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 2366):

- *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 2371

#### 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 2371

#### 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 2373

#### 16.4.2.3.7.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 16.4.2.3.7.3.4.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 16.4.2.3.7.3.4.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 16.4.2.3.7.3.4.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ActionType</b> <ActnTp>	[1..1]	CodeSet		1770
	<b>MessageToPresent</b> <MsgToPres>	[0..1]	±		1771
	<b>RemoteAccess</b> <RmotAccs>	[0..1]	±		1772
	<b>Retry</b> <Rtry>	[0..1]	±		1772
	<b>TimeCondition</b> <TmCond>	[0..1]	±		1773

##### 16.4.2.3.7.3.4.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 16.4.2.3.7.3.4.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 16.4.2.3.7.3.4.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "NetworkParameters7" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 16.4.2.3.7.3.4.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3" on page 2284](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 16.4.2.3.7.3.4.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6" on page 2285](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 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 2371](#)

#### 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 2371](#)

#### 16.4.2.3.7.3.7 ItemAmount <ItmAmt>

*Presence:* [0..1]

*Definition:* Total amount of the item line.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 2292](#)

#### 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 2295](#)

## Constraints

### • ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.7.4 Receipt <Rct>

*Presence:* [0..\*]

*Definition:* Customer or Merchant payment receipt.

**Receipt <Rct>** contains the following **PaymentReceipt7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DocumentQualifier</b> <DocQlfr>	[1..1]	CodeSet		1774
	<b>IntegratedPrintFlag</b> <IntgrtdPrtFlg>	[0..1]	Indicator		1775
	<b>RequiredSignatureFlag</b> <ReqrdSgntrFlg>	[0..1]	Indicator		1775
	<b>OutputContent</b> <OutptCntt>	[1..1]	±		1775

##### 16.4.2.3.7.4.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualification of the document to print to the Cashier or the Customer.

*Datatype:* "DocumentType7Code" on page 2321

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.

CodeName	Name	Definition
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

#### 16.4.2.3.7.4.2 IntegratedPrintFlag <IntgrtdPrtFlg>

*Presence:* [0..1]

*Definition:* Flag is the print is integrated to other prints.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 16.4.2.3.7.4.3 RequiredSignatureFlag <ReqrSgntrFlg>

*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 2366):

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

#### 16.4.2.3.7.4.4 OutputContent <OutptCntt>

*Presence:* [1..1]

*Definition:* Document to print.

**OutputContent <OutputCntt>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutputBrnd>	[0..1]			2092
	BarcodeType <BrndTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrndVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 16.4.2.3.8 RepeatedCardAcquisitionResponse <RepeatdCardAcqstnRspn>

*Presence:* [0..1]

*Definition:* Content of the requested CardAcquisition Message Response.

**RepeatedCardAcquisitionResponse <RepeatdCardAcqstnRspn>** contains the following **CardAcquisitionResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1776
	POITransactionIdentification <POITxld>	[1..1]	±		1777
	PaymentBrand <PmtBrnd>	[0..*]	Text		1777
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1777
	LoyaltyAccount <LtyAcct>	[0..*]	±		1777
	CustomerOrder <CstmrOrd>	[0..*]	±		1778

##### 16.4.2.3.8.1 SaleTransactionIdentification <SaleTxld>

*Presence:* [0..1]

*Definition:* Sale System identification of the transaction in an unambiguous way.

**SaleTransactionIdentification <SaleTxId>** contains the following elements (see ["TransactionIdentifier1"](#) on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 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 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 16.4.2.3.8.3 PaymentBrand <PmtBrnd>

*Presence:* [0..\*]

*Definition:* Type of payment card.

*Datatype:* ["Max35Text"](#) on page 2371

#### 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 2330

##### 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 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 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 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 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
	<b>Data</b> <Data>	[0..1]	Binary		1779
	<b>CardStatus</b> <CardSts>	[1..1]	Binary		1779

#### 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 2294

#### 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 2294

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

## 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 2262](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# 17 casp.016.001.08 SaleToPOIDeviceRequestV08

## 17.1 MessageDefinition Functionality

The SaleTOPOIDeviceRequest message is sent by the sale system to POI system to request a device service.

### Outline

The SaleToPOIDeviceRequestV08 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]			1783
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1783
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1784
	ExchangeIdentification <XchgId>	[1..1]	Text		1784
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1784
	InitiatingParty <InitgPty>	[1..1]	±		1784
	RecipientParty <RcptPty>	[0..1]	±		1785
	Traceability <Tracblt>	[0..*]	±		1786
	DeviceRequest <DvcReq>	[1..1]	±		1786
	SecurityTrailer <SctyTrlr>	[0..1]	±		1791

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1783
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1784
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1784
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1784
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1784
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1785
	<b>Traceability</b> <Tracblt>	[0..*]	±		1786

### 17.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 17.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 17.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 17.4.2 DeviceRequest <DvcReq>

*Presence:* [1..1]

*Definition:* Information related to a device request.

**DeviceRequest <DvcReq>** contains the following elements (see "DeviceRequest9" on page 1814 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1819
	Context <Cntxt>	[0..1]		C9	1825
	PaymentContext <PmtCntxt>	[0..1]			1828
	CardPresent <CardPres>	[0..1]	Indicator		1828
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1828
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1829
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1829
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1829
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1829
	BusinessArea <BizArea>	[0..1]	CodeSet		1830
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1830
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1830
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1831
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1831
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1832
	SaleContext <SaleCntxt>	[0..1]			1832
	SaleIdentification <SaleId>	[0..1]	Text		1833
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1833
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1834
	CashierIdentification <CshrlId>	[0..1]	Text		1834
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1834
	ShiftNumber <ShftNb>	[0..1]	Text		1834
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1834
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1834
	InvoiceNumber <InvNb>	[0..1]	Text		1834
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1835
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1835
	CommonName <CmonNm>	[1..1]	Text		1835
	Address <Adr>	[0..1]	Text		1835
	CountryCode <CtryCd>	[1..1]	CodeSet		1835

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1835
	RegisteredIdentifier <Regldr>	[1..1]	Text		1835
	SplitPayment <Spltpmt>	[0..1]	Indicator		1836
	RemainingAmount <RmngAmt>	[0..1]	Amount		1836
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1836
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1836
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1836
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1837
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1837
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1837
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1838
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1838
	SystemToNotify <SysToNtfy>	[0..1]	Text		1838
	Debtor <Dbtr>	[0..1]	±		1839
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1840
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1840
	Creditor <Cdtr>	[0..1]	±		1840
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1841
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1842
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1842
	Debtor <Dbtr>	[0..1]	±		1843
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1844
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1845
	Creditor <Cdtr>	[0..1]	±		1845
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1846
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1847
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1847
	MandateIdentification <MndtId>	[1..1]	Text		1848
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1848
	MandateImage <MndtImg>	[0..1]	Binary		1848
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1848

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1848
	DisplayRequest <DispReq>	[0..1]			1849
	DisplayOutput <DispOutpt>	[1..*]	±		1849
	InputRequest <InptReq>	[0..1]			1850
	DisplayOutput <DispOutpt>	[0..1]	±		1851
	InputData <InptData>	[1..1]			1852
	DeviceType <DvcTp>	[1..1]	CodeSet		1853
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1853
	InputCommand <InptCmd>	[1..1]	CodeSet		1854
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1855
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1855
	InputText <InptTxt>	[0..1]	±		1855
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1856
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1856
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1856
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1857
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1857
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1857
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1857
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1857
	PrintRequest <PrtReq>	[0..1]			1858
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1858
	ResponseMode <RspnMd>	[1..1]	CodeSet		1858
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1859
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1859
	OutputContent <OutptCntt>	[1..1]	±		1859
	PlayResourceRequest <PlayRsrcReq>	[0..1]			1860
	ResponseMode <RspnMd>	[0..1]	CodeSet		1861
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1861
	SoundVolume <SoundVol>	[0..1]	Rate		1861
	DisplayResolution <DispRsltn>	[0..1]	Text		1861

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Resource <Rsrc>	[0..1]			1861
	ResourceType <RsrcTp>	[1..1]	CodeSet		1862
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1862
	Language <Lang>	[0..1]	CodeSet	C12	1862
	ResourceReference <RsrcRef>	[0..1]	Text		1862
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1863
	SecureInputRequest <ScrInptReq>	[0..1]			1863
	PINRequestType <PINReqTp>	[1..1]	CodeSet		1863
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1864
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1864
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1864
	CardholderPIN <CrhdldrPIN>	[0..1]			1864
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1864
	PINFormat <PINFrmt>	[1..1]	CodeSet		1865
	AdditionalInput <AddtlInpt>	[0..1]	Text		1865
	InitialisationCardReaderRequest <InitlstnCardRdrReq>	[0..1]			1865
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1866
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1866
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1867
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1867
	DisplayOutput <DispOutpt>	[0..1]	±		1867
	CardReaderAPDURequest <CardRdrAPDUReq>	[0..1]			1868
	Class <Clss>	[1..1]	Binary		1868
	Instruction <Instr>	[1..1]	Binary		1868
	Parameter1 <Param1>	[1..1]	Binary		1868
	Parameter2 <Param2>	[1..1]	Binary		1868
	Data <Data>	[0..1]	Binary		1868
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1868
	PowerOffCardReaderRequest <PwrOffCardRdrReq>	[0..1]			1869
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1869
	DisplayOutput <DispOutpt>	[0..1]	±		1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransmissionRequest <TrnsmssnReq>	[0..1]			1870
	DestinationAddress <DstnAdr>	[1..1]	±		1870
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1871
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1871
	MessageToSend <MsgToSnd>	[1..1]	Binary		1871
	InputNotification <InptNtfctn>	[0..1]			1871
	ExchangeIdentification <Xchgld>	[1..1]	Text		1871
	OutputContent <OutptCntt>	[1..1]	±		1872
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1872

### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# 18 casp.017.001.08 SaleToPOIDeviceResponseV08

## 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 SaleToPOIDeviceResponseV08 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]			1794
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1794
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1795
	ExchangeIdentification <XchgId>	[1..1]	Text		1795
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1795
	InitiatingParty <InitgPty>	[1..1]	±		1795
	RecipientParty <RcptPty>	[0..1]	±		1796
	Traceability <Tracblt>	[0..*]	±		1797
	DeviceResponse <DvcRspn>	[1..1]	±		1797
	SecurityTrailer <SctyTrlr>	[0..1]	±		1801

## 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
	<b>MessageFunction</b> <MsgFctn>	[1..1]	CodeSet		1794
	<b>ProtocolVersion</b> <PrtcolVrsn>	[1..1]	Text		1795
	<b>ExchangeIdentification</b> <XchgId>	[1..1]	Text		1795
	<b>CreationDateTime</b> <CreDtTm>	[1..1]	DateTime		1795
	<b>InitiatingParty</b> <InitgPty>	[1..1]	±		1795
	<b>RecipientParty</b> <RcptPty>	[0..1]	±		1796
	<b>Traceability</b> <Tracblt>	[0..*]	±		1797

### 18.4.1.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "RetailerMessage1Code" on page 2345

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 2373

#### 18.4.1.3 ExchangeIdentification <Xchgld>

*Presence:* [1..1]

*Definition:* Unique identification of an exchange occurrence.

*Datatype:* "Max35Text" on page 2371

#### 18.4.1.4 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 2364

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

### 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 2200 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

## 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 "DeviceResponse9" on page 1873 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1877
	Context <Cntxt>	[0..1]		C9	1883
	PaymentContext <PmtCntxt>	[0..1]			1886
	CardPresent <CardPres>	[0..1]	Indicator		1886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1887
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1887
	BusinessArea <BizArea>	[0..1]	CodeSet		1888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1889
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1890
	SaleContext <SaleCntxt>	[0..1]			1890
	SaleIdentification <SaleId>	[0..1]	Text		1891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1892
	CashierIdentification <CshrlId>	[0..1]	Text		1892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1892
	ShiftNumber <ShftNb>	[0..1]	Text		1892
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1892
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1892
	InvoiceNumber <InvcNb>	[0..1]	Text		1892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1893
	CommonName <CmonNm>	[1..1]	Text		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893
	RegisteredIdentifier <Regldr>	[1..1]	Text		1893
	SplitPayment <SpltPmt>	[0..1]	Indicator		1894
	RemainingAmount <RmngAmt>	[0..1]	Amount		1894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1896
	SystemToNotify <SysToNtfy>	[0..1]	Text		1896
	Debtor <Dbtr>	[0..1]	±		1897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1898
	Creditor <Cdtr>	[0..1]	±		1898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1900
	Debtor <Dbtr>	[0..1]	±		1901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1903
	Creditor <Cdtr>	[0..1]	±		1903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1905
	MandateIdentification <MndtId>	[1..1]	Text		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1906

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1906
	DisplayResponse <DispRspn>	[0..1]			1907
	OutputResult <OutptRslt>	[1..*]			1907
	DeviceType <DvcTp>	[1..1]	CodeSet		1908
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1908
	Response <Rspn>	[1..1]	±		1909
	InputResponse <InptRspn>	[0..1]			1909
	OutputResult <OutptRslt>	[0..1]			1910
	DeviceType <DvcTp>	[1..1]	CodeSet		1910
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1911
	Response <Rspn>	[1..1]	±		1912
	InputResult <InptRslt>	[1..1]			1912
	DeviceType <DvcTp>	[1..1]	CodeSet		1912
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1913
	InputResultData <InptRsltData>	[1..1]			1913
	InputCommand <InptCmd>	[1..1]	CodeSet		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916
	PrintResponse <PrtRspn>	[0..1]			1916
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1916
	SecureInputResponse <ScrInptRspn>	[0..1]			1917
	CardholderPIN <CrhdldrPIN>	[0..1]			1917
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1918
	PINFormat <PINFrmt>	[1..1]	CodeSet		1918

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInput <AddtlInpt>	[0..1]	Text		1918
	InitialisationCardReaderResponse <InitlsthCardRdrRspn>	[0..1]			1918
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		1919
	ICCRstData <ICCRstData>	[0..1]			1919
	ATRValue <ATRVa>	[0..1]	Binary		1920
	CardStatus <CardSts>	[0..1]	Binary		1920
	AdditionalInformation <AddtlInf>	[0..1]	Binary		1920
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			1920
	Data <Data>	[0..1]	Binary		1920
	CardStatus <CardSts>	[1..1]	Binary		1920
	TransmissionResponse <TrnsmssnRspn>	[0..1]			1921
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		1921
	Response <Rspn>	[1..1]	±		1921
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1921

### 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 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

# 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]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 1806 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C5	1806
Or}	Other <Othr>	[1..1]	±		1807

#### 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 1805 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1805
Or}	Proprietary <Prtry>	[1..1]	Text		1805

#### 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 2296

##### 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 2373

#### 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 1804 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1804
{Or	Code <Cd>	[1..1]	CodeSet		1804
Or}	Proprietary <Prtry>	[1..1]	Text		1804
	Identification <Id>	[1..1]	Text		1804

### 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]			1804
{Or	Code <Cd>	[1..1]	CodeSet		1804
Or}	Proprietary <Prtry>	[1..1]	Text		1804
	Identification <Id>	[1..1]	Text		1804

#### 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		1804
Or}	Proprietary <Prtry>	[1..1]	Text		1804

##### 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 2325

##### 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 2371

#### 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 2370

### 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		1805
Or}	Proprietary <Prtry>	[1..1]	Text		1805

#### 19.1.1.3.1 Code <Cd>

*Presence:* [1..1]

*Definition:* Account type, in a coded form.

*Datatype:* "ExternalCashAccountType1Code" on page 2324

#### 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 2371

### 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		1805
	SchemeName <SchmeNm>	[0..1]			1805
{Or	Code <Cd>	[1..1]	CodeSet		1806
Or}	Proprietary <Prtry>	[1..1]	Text		1806
	Issuer <Issr>	[0..1]	Text		1806

#### 19.1.1.4.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification assigned by an institution.

*Datatype:* "Max34Text" on page 2371

#### 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		1806
Or}	Proprietary <Prtry>	[1..1]	Text		1806

#### 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 2323

#### 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 2371

#### 19.1.1.4.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2371

## 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	1806
Or}	Other <Othr>	[1..1]	±		1807

#### 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 2365

## 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 1805 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1805
	SchemeName <SchmeNm>	[0..1]			1805
{Or	Code <Cd>	[1..1]	CodeSet		1806
Or}	Proprietary <Prtry>	[1..1]	Text		1806
	Issuer <Issr>	[0..1]	Text		1806

## 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]	±		1807
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1808

#### 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 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 19.1.3.1.2 ParametersVersion <ParamsVrsn>

*Presence:* [0..1]

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

*Datatype:* "[Max256Text](#)" on page 2370

#### 19.1.3.2 KEK9

*Definition:* Key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1809
	KEKIdentification <KEKId>	[1..1]	±		1809
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1809
	Algorithm <Algo>	[1..1]	CodeSet		1810
	Parameter <Param>	[0..1]			1812
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1812
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1813
	BytePadding <BPddg>	[0..1]	CodeSet		1813
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1813

#### 19.1.3.2.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.3.2.2 KEKIdentification <KEKId>

*Presence:* [1..1]

*Definition:* Identification of the key encryption key (KEK).

**KEKIdentification <KEKId>** contains the following elements (see "[KEKIdentifier7](#)" on page 1813 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1813
	KeyVersion <KeyVrsn>	[1..1]	Text		1814
	SequenceNumber <SeqNb>	[0..1]	Quantity		1814
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1814

#### 19.1.3.2.3 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		1810
	Parameter <Param>	[0..1]			1812
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1812
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1813
	BytePadding <BPddg>	[0..1]	CodeSet		1813

#### 19.1.3.2.3.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "Algorithm28Code" on page 2300

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.

#### 19.1.3.2.3.2 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		1812
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1813
	BytePadding <BPddg>	[0..1]	CodeSet		1813

#### 19.1.3.2.3.2.1 EncryptionFormat <NcrptnFrmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat2Code" on page 2321

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.

#### 19.1.3.2.3.2.2 InitialisationVector <InitlstnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 2294

#### 19.1.3.2.3.2.3 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 2310

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.

#### 19.1.3.2.4 EncryptedKey <NcrptdKey>

*Presence:* [0..1]

*Definition:* Encrypted key encryption key (KEK).

*Datatype:* "Max500Binary" on page 2294

#### 19.1.3.3 KEKIdentifier7

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1813
	KeyVersion <KeyVrsn>	[1..1]	Text		1814
	SequenceNumber <SeqNb>	[0..1]	Quantity		1814
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1814

#### 19.1.3.3.1 KeyIdentification <KeyId>

*Presence:* [1..1]

*Definition:* Identification of the cryptographic key.

*Datatype:* "Max140Text" on page 2369

#### **19.1.3.3.2 KeyVersion <KeyVrsn>**

*Presence:* [1..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max140Text" on page 2369

#### **19.1.3.3.3 SequenceNumber <SeqNb>**

*Presence:* [0..1]

*Definition:* Number of usages of the cryptographic key.

*Datatype:* "Number" on page 2366

#### **19.1.3.3.4 DerivationIdentification <DerivtnId>**

*Presence:* [0..1]

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

*Datatype:* "Max500Binary" on page 2294

### **19.1.4 Action**

#### **19.1.4.1 DeviceRequest9**

*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	1819
	Context <Cntxt>	[0..1]		C9	1825
	PaymentContext <PmtCntxt>	[0..1]			1828
	CardPresent <CardPres>	[0..1]	Indicator		1828
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1828
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1829
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1829
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1829
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1829
	BusinessArea <BizArea>	[0..1]	CodeSet		1830
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1830
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1830
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1831
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1831
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1832
	SaleContext <SaleCntxt>	[0..1]			1832
	SaleIdentification <SaleId>	[0..1]	Text		1833
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1833
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1834
	CashierIdentification <CshrId>	[0..1]	Text		1834
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1834
	ShiftNumber <ShftNb>	[0..1]	Text		1834
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1834
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1834
	InvoiceNumber <InvNb>	[0..1]	Text		1834
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1835
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1835
	CommonName <CmonNm>	[1..1]	Text		1835
	Address <Adr>	[0..1]	Text		1835
	CountryCode <CtryCd>	[1..1]	CodeSet		1835
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1835

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1835
	SplitPayment <SpltPmt>	[0..1]	Indicator		1836
	RemainingAmount <RmngAmt>	[0..1]	Amount		1836
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1836
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1836
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1836
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1837
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1837
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1837
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1838
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1838
	SystemToNotify <SysToNtfy>	[0..1]	Text		1838
	Debtor <Dbtr>	[0..1]	±		1839
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1840
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1840
	Creditor <Cdtr>	[0..1]	±		1840
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1841
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1842
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1842
	Debtor <Dbtr>	[0..1]	±		1843
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1844
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1845
	Creditor <Cdtr>	[0..1]	±		1845
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1846
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1847
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1847
	MandateIdentification <MndtId>	[1..1]	Text		1848
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1848
	MandateImage <MndtImg>	[0..1]	Binary		1848
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1848
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1848

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayRequest <DispReq>	[0..1]			1849
	DisplayOutput <DispOutpt>	[1..*]	±		1849
	InputRequest <InptReq>	[0..1]			1850
	DisplayOutput <DispOutpt>	[0..1]	±		1851
	InputData <InptData>	[1..1]			1852
	DeviceType <DvcTp>	[1..1]	CodeSet		1853
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1853
	InputCommand <InptCmd>	[1..1]	CodeSet		1854
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1855
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1855
	InputText <InptTxt>	[0..1]	±		1855
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1856
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1856
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1856
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1857
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1857
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1857
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1857
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1857
	PrintRequest <PrtReq>	[0..1]			1858
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1858
	ResponseMode <RspnMd>	[1..1]	CodeSet		1858
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1859
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1859
	OutputContent <OutptCntt>	[1..1]	±		1859
	PlayResourceRequest <PlayRsrcReq>	[0..1]			1860
	ResponseMode <RspnMd>	[0..1]	CodeSet		1861
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1861
	SoundVolume <SoundVol>	[0..1]	Rate		1861
	DisplayResolution <DispRsltn>	[0..1]	Text		1861
	Resource <Rsrc>	[0..1]			1861

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResourceType <RsrcTp>	[1..1]	CodeSet		1862
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1862
	Language <Lang>	[0..1]	CodeSet	C12	1862
	ResourceReference <RsrcRef>	[0..1]	Text		1862
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1863
	SecureInputRequest <ScrInptReq>	[0..1]			1863
	PINRequestType <PINReqTp>	[1..1]	CodeSet		1863
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1864
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1864
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1864
	CardholderPIN <CrdhldrPIN>	[0..1]			1864
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1864
	PINFormat <PINFrmt>	[1..1]	CodeSet		1865
	AdditionalInput <AddtlInpt>	[0..1]	Text		1865
	InitialisationCardReaderRequest <InitlstnCardRdrReq>	[0..1]			1865
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1866
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1866
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1867
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1867
	DisplayOutput <DispOutpt>	[0..1]	±		1867
	CardReaderAPDURequest <CardRdrAPDUReq>	[0..1]			1868
	Class <Cls>	[1..1]	Binary		1868
	Instruction <Instr>	[1..1]	Binary		1868
	Parameter1 <Param1>	[1..1]	Binary		1868
	Parameter2 <Param2>	[1..1]	Binary		1868
	Data <Data>	[0..1]	Binary		1868
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1868
	PowerOffCardReaderRequest <PwrOffCardRdrReq>	[0..1]			1869
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1869
	DisplayOutput <DispOutpt>	[0..1]	±		1869
	TransmissionRequest <TrnsmssnReq>	[0..1]			1870

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DestinationAddress <DstnAdr>	[1..1]	±		1870
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1871
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1871
	MessageToSend <MsgToSnd>	[1..1]	Binary		1871
	InputNotification <InptNtfctn>	[0..1]			1871
	ExchangeIdentification <XchgId>	[1..1]	Text		1871
	OutputContent <OutptCntt>	[1..1]	±		1872
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1872

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LtyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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]			1828
	CardPresent <CardPres>	[0..1]	Indicator		1828
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1828
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1829
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1829
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1829
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1829
	BusinessArea <BizArea>	[0..1]	CodeSet		1830
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1830
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1830
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1831
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1831
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1832
	SaleContext <SaleCntxt>	[0..1]			1832
	SaleIdentification <SaleId>	[0..1]	Text		1833
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1833
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1834
	CashierIdentification <CshrlId>	[0..1]	Text		1834
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1834
	ShiftNumber <ShftNb>	[0..1]	Text		1834
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1834
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1834
	InvoiceNumber <InvNb>	[0..1]	Text		1834
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1835
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1835
	CommonName <CmonNm>	[1..1]	Text		1835
	Address <Adr>	[0..1]	Text		1835
	CountryCode <CtryCd>	[1..1]	CodeSet		1835
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1835
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1835
	SplitPayment <Spltpmt>	[0..1]	Indicator		1836

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1836
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1836
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1836
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1836
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1837
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1837
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1837
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1838
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1838
	SystemToNotify <SysToNtfy>	[0..1]	Text		1838
	Debtor <Dbtr>	[0..1]	±		1839
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1840
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1840
	Creditor <Cdtr>	[0..1]	±		1840
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1841
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1842
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1842
	Debtor <Dbtr>	[0..1]	±		1843
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1844
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1845
	Creditor <Cdtr>	[0..1]	±		1845
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1846
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1847
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1847
	MandateIdentification <MndtId>	[1..1]	Text		1848
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1848
	MandateImage <MndtImg>	[0..1]	Binary		1848
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1848

## 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		1828
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1828
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1829
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1829
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1829
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1829
	BusinessArea <BizArea>	[0..1]	CodeSet		1830
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1830
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1830
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1831
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1831
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1832

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2305

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 <TxEnvt>

*Presence:* [0..1]

*Definition:* Indicates the environment of the transaction.

*Datatype:* ["TransactionEnvironment1Code"](#) on page 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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		1833
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1833
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1834
	CashierIdentification <CshrId>	[0..1]	Text		1834
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1834
	ShiftNumber <ShiftNb>	[0..1]	Text		1834
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1834
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1834
	InvoiceNumber <InvNb>	[0..1]	Text		1834
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1835
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1835
	CommonName <CmonNm>	[1..1]	Text		1835
	Address <Adr>	[0..1]	Text		1835
	CountryCode <CtryCd>	[1..1]	CodeSet		1835
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1835
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1835
	SplitPayment <Spltpmt>	[0..1]	Indicator		1836
	RemainingAmount <RmngAmt>	[0..1]	Amount		1836
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1836
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1836
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1836
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1837
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1837

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **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 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **19.1.4.1.2.2.9 InvoiceNumber <InvNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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		1835
	Address <Adr>	[0..1]	Text		1835
	CountryCode <CtryCd>	[1..1]	CodeSet		1835
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1835
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1835

##### 19.1.4.1.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 19.1.4.1.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 19.1.4.1.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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 2355

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 2373

#### 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		1838
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1838
	SystemToNotify <SysToNtfy>	[0..1]	Text		1838
	Debtor <Dbtr>	[0..1]	±		1839
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1840
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1840
	Creditor <Cdtr>	[0..1]	±		1840
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1841
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1842

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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]	±		1843
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1844
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1845
	Creditor <Cdtr>	[0..1]	±		1845
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1846
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1847
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1847
	MandateIdentification <MndtId>	[1..1]	Text		1848
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1848
	MandateImage <MndtImg>	[0..1]	Binary		1848
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1848

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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		1848
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1848
	MandateImage <MndtImg>	[0..1]	Binary		1848
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1848

#### 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 2371

#### 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 2364

#### 19.1.4.1.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.4.1.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service requested.

*Datatype:* "RetailerService8Code" on page 2352

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 **DeviceDisplayRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayOutput <DispOutpt>	[1..*]	±		1849

##### 19.1.4.1.4.1 DisplayOutput <DispOutpt>

*Presence:* [1..\*]

*Definition:* Message to be displayed.

**DisplayOutput <DispOutput>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.4.1.5 InputRequest <InptReq>

*Presence:* [0..1]

*Definition:* Content of the Input Request message.

**InputRequest <InptReq>** contains the following **DeviceInputRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayOutput <DispOutpt>	[0..1]	±		1851
	InputData <InptData>	[1..1]			1852
	DeviceType <DvcTp>	[1..1]	CodeSet		1853
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1853
	InputCommand <InptCmd>	[1..1]	CodeSet		1854
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1855
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1855
	InputText <InptTxt>	[0..1]	±		1855
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1856
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1856
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1856
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1857
	DisableCancelFlag <DsbICclFlg>	[0..1]	Indicator		1857
	DisableCorrectFlag <DsbICrrctFlg>	[0..1]	Indicator		1857
	DisableValidFlag <DsbIVldFlg>	[0..1]	Indicator		1857
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1857

#### 19.1.4.1.5.1 DisplayOutput <DispOutpt>

*Presence:* [0..1]

*Definition:* Information to display before input.

**DisplayOutput <DispOutput>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.4.1.5.2 InputData <InptData>

*Presence:* [1..1]

*Definition:* Information related to an Input request.

**InputData <InptData>** contains the following **InputData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		1853
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1853
	InputCommand <InptCmd>	[1..1]	CodeSet		1854
	NotifyCardInputFlag <NtfyCardInptFlg>	[1..1]	Indicator		1855
	MaximumInputTime <MaxInptTm>	[0..1]	Quantity		1855
	InputText <InptTxt>	[0..1]	±		1855
	ImmediateResponseFlag <ImdtRspnFlg>	[0..1]	Indicator		1856
	WaitUserValidationFlag <WaitUsrVldtnFlg>	[0..1]	Indicator		1856
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1856
	GlobalCorrectionFlag <GblCrrctnFlg>	[0..1]	Indicator		1857
	DisableCancelFlag <DsblCclFlg>	[0..1]	Indicator		1857
	DisableCorrectFlag <DsblCrrctFlg>	[0..1]	Indicator		1857
	DisableValidFlag <DsblVldFlg>	[0..1]	Indicator		1857
	MenuBackFlag <MenuBckFlg>	[0..1]	Indicator		1857

#### 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 2355

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 2326

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 2327

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 2366](#)):

- *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 2366](#)

#### 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 "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2366):

- *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 2366):

- *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 2366):

- *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 2366](#)):

- *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 2366](#)):

- *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 2366](#)):

- *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 2366](#)):

- *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 2366](#)):

- *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 **DevicePrintRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1858
	ResponseMode <RspnMd>	[1..1]	CodeSet		1858
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1859
	RequiredSignatureFlag <ReqrdSgntFlg>	[0..1]	Indicator		1859
	OutputContent <OutptCntt>	[1..1]	±		1859

##### 19.1.4.1.6.1 DocumentQualifier <DocQlfr>

*Presence:* [1..1]

*Definition:* Qualifies the type of document.

*Datatype:* "DocumentType7Code" on page 2321

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 2345

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 2366](#)):

- *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 2366](#)):

- *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 "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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		1861
	ResourceAction <RsrcActn>	[1..1]	CodeSet		1861
	SoundVolume <SoundVol>	[0..1]	Rate		1861
	DisplayResolution <DispRsln>	[0..1]	Text		1861
	Resource <Rsrc>	[0..1]			1861
	ResourceType <RsrcTp>	[1..1]	CodeSet		1862
	ResourceFormat <RsrcFrmt>	[0..1]	CodeSet		1862
	Language <Lang>	[0..1]	CodeSet	C12	1862
	ResourceReference <RsrcRef>	[0..1]	Text		1862
	TimingSlot <TmgSlot>	[0..1]	CodeSet		1863

#### 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 2345

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 2343

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 2367

#### 19.1.4.1.7.4 DisplayResolution <DispRsln>

*Presence:* [0..1]

*Definition:* Resolution to use.

*Datatype:* "Max35Text" on page 2371

#### 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		1862
	ResourceFormat <RsrcFmt>	[0..1]	CodeSet		1862
	Language <Lang>	[0..1]	CodeSet	C12	1862
	ResourceReference <RsrcRef>	[0..1]	Text		1862

#### 19.1.4.1.7.5.1 ResourceType <RsrcTp>

*Presence:* [1..1]

*Definition:* Type of media resource.

*Datatype:* "ResourceType1Code" on page 2344

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 2355

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 2330

##### 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 2368

#### 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 2341

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		1863
	PINVerificationMethod <PINVrfctnMtd>	[0..1]	Text		1864
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1864
	BeepKeyFlag <BeepKeyFlg>	[0..1]	Indicator		1864
	CardholderPIN <CrdhldrPIN>	[0..1]			1864
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1864
	PINFormat <PINFrmt>	[1..1]	CodeSet		1865
	AdditionalInput <AddtlInpt>	[0..1]	Text		1865

#### 19.1.4.1.8.1 PINRequestType <PINReqTp>

*Presence:* [1..1]

*Definition:* Type of PIN Service.

*Datatype:* "PINRequestType1Code" on page 2338

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 2371

#### 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 2366

#### 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 2366):

- *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]	±		1864
	PINFormat <PINFrmt>	[1..1]	CodeSet		1865
	AdditionalInput <AddtlInpt>	[0..1]	Text		1865

#### 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 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.4.1.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2338

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 2371

#### 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 <InitIstnCardRdrReq>** contains the following  
**DeviceInitialisationCardReaderRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	WarmResetFlag <WarmRstFlg>	[0..1]	Indicator		1866
	ForceEntryMode <ForceNtryMd>	[0..*]	CodeSet		1866
	LeaveCardFlag <LeavCardFlg>	[0..1]	Indicator		1867
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1867
	DisplayOutput <DispOutpt>	[0..1]	±		1867

#### 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 2366):

- *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 2312

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 2366](#)):

- *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 2366](#)

#### 19.1.4.1.9.5 DisplayOutput <DispOutpt>

*Presence:* [0..1]

*Definition:* Information to display.

**DisplayOutput <DispOutpt>** contains the following elements (see ["ActionMessage12" on page 2089](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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		1868
	Instruction <Inst>	[1..1]	Binary		1868
	Parameter1 <Param1>	[1..1]	Binary		1868
	Parameter2 <Param2>	[1..1]	Binary		1868
	Data <Data>	[0..1]	Binary		1868
	ExpectedLength <XpctdLngh>	[0..1]	Binary		1868

##### 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 2294

##### 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 2294

##### 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 2294

##### 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 2294

##### 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 2294

##### 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 2294

#### 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 **DevicePoweroffCardReaderRequest7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PowerOffMaximumWaitingTime <PwrOffMaxWtgTm>	[0..1]	Quantity		1869
	DisplayOutput <DispOutpt>	[0..1]	±		1869

##### 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 2366

##### 19.1.4.1.11.2 DisplayOutput <DispOutpt>

*Presence:* [0..1]

*Definition:* Optional message before Power-Off.

**DisplayOutput <DispOutput>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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]	±		1870
	MaximumTransmissionTime <MaxTrnsmssnTm>	[1..1]	Quantity		1871
	MaximumWaitingTime <MaxWtgTm>	[0..1]	Quantity		1871
	MessageToSend <MsgToSnd>	[1..1]	Binary		1871

#### 19.1.4.1.12.1 DestinationAddress <DstnAdr>

*Presence:* [1..1]

*Definition:* Transport address.

**DestinationAddress <DstnAdr>** contains the following elements (see ["NetworkParameters7"](#) on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.4.1.12.2 MaximumTransmissionTime <MaxTrnsmssnTm>

*Presence:* [1..1]

*Definition:* Maximum time in seconds of transmission.

*Datatype:* ["Number"](#) on page 2366

#### 19.1.4.1.12.3 MaximumWaitingTime <MaxWtgTm>

*Presence:* [0..1]

*Definition:* Defines the timeout to receive an answer.

*Datatype:* ["Number"](#) on page 2366

#### 19.1.4.1.12.4 MessageToSend <MsgToSnd>

*Presence:* [1..1]

*Definition:* Content of the message to be transmitted.

*Datatype:* ["Max100KBinary"](#) on page 2292

#### 19.1.4.1.13 InputNotification <InptNtfctn>

*Presence:* [0..1]

*Definition:* Content of the Input notification message.

**InputNotification <InptNtfctn>** contains the following **DeviceInputNotification7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeIdentification <XchgId>	[1..1]	Text		1871
	OutputContent <OutptCntt>	[1..1]	±		1872

#### 19.1.4.1.13.1 ExchangeIdentification <XchgId>

*Presence:* [1..1]

*Definition:* Message main identifier.

*Datatype:* ["Max35Text"](#) on page 2371

#### 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 "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### **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 DeviceResponse9**

*Definition:* Provides the response of a previous device request.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1877
	Context <Cntxt>	[0..1]		C9	1883
	PaymentContext <PmtCntxt>	[0..1]			1886
	CardPresent <CardPres>	[0..1]	Indicator		1886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1887
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1887
	BusinessArea <BizArea>	[0..1]	CodeSet		1888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1889
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1890
	SaleContext <SaleCntxt>	[0..1]			1890
	SaleIdentification <SaleId>	[0..1]	Text		1891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1892
	CashierIdentification <CshrId>	[0..1]	Text		1892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1892
	ShiftNumber <ShftNb>	[0..1]	Text		1892
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1892
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1892
	InvoiceNumber <InvNb>	[0..1]	Text		1892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1893
	CommonName <CmonNm>	[1..1]	Text		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1893
	SplitPayment <SpltPmt>	[0..1]	Indicator		1894
	RemainingAmount <RmngAmt>	[0..1]	Amount		1894
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1896
	SystemToNotify <SysToNtfy>	[0..1]	Text		1896
	Debtor <Dbtr>	[0..1]	±		1897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1898
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1898
	Creditor <Cdtr>	[0..1]	±		1898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1899
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1900
	Debtor <Dbtr>	[0..1]	±		1901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1902
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1903
	Creditor <Cdtr>	[0..1]	±		1903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1904
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1905
	MandateIdentification <MndtId>	[1..1]	Text		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1906
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1906

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisplayResponse <DispRspn>	[0..1]			1907
	OutputResult <OutptRslt>	[1..*]			1907
	DeviceType <DvcTp>	[1..1]	CodeSet		1908
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1908
	Response <Rspn>	[1..1]	±		1909
	InputResponse <InptRspn>	[0..1]			1909
	OutputResult <OutptRslt>	[0..1]			1910
	DeviceType <DvcTp>	[1..1]	CodeSet		1910
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1911
	Response <Rspn>	[1..1]	±		1912
	InputResult <InptRslt>	[1..1]			1912
	DeviceType <DvcTp>	[1..1]	CodeSet		1912
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1913
	InputResultData <InptRsltData>	[1..1]			1913
	InputCommand <InptCmd>	[1..1]	CodeSet		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916
	PrintResponse <PrtRspn>	[0..1]			1916
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1916
	SecureInputResponse <ScrInptRspn>	[0..1]			1917
	CardholderPIN <CrhdldrPIN>	[0..1]			1917
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1918
	PINFormat <PINFrmt>	[1..1]	CodeSet		1918
	AdditionalInput <AddtlInpt>	[0..1]	Text		1918

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationCardReaderResponse <InitlStnCardRdrRspn>	[0..1]			1918
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		1919
	ICCRResetData <ICCRstData>	[0..1]			1919
	ATRValue <ATRVAl>	[0..1]	Binary		1920
	CardStatus <CardSts>	[0..1]	Binary		1920
	AdditionalInformation <AddtlInf>	[0..1]	Binary		1920
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			1920
	Data <Data>	[0..1]	Binary		1920
	CardStatus <CardSts>	[1..1]	Binary		1920
	TransmissionResponse <TrnsmssnRspn>	[0..1]			1921
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		1921
	Response <Rspn>	[1..1]	±		1921
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1921

#### 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 "[CardPaymentEnvironment82](#)" on page 2113 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LltyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhdldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BlgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScI SctyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

#### 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]			1886
	CardPresent <CardPres>	[0..1]	Indicator		1886
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1887
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1887
	BusinessArea <BizArea>	[0..1]	CodeSet		1888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1889
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1889
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1890
	SaleContext <SaleCntxt>	[0..1]			1890
	SaleIdentification <SaleId>	[0..1]	Text		1891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1892
	CashierIdentification <CshrlId>	[0..1]	Text		1892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1892
	ShiftNumber <ShftNb>	[0..1]	Text		1892
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1892
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1892
	InvoiceNumber <InvNb>	[0..1]	Text		1892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1893
	CommonName <CmonNm>	[1..1]	Text		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1893
	SplitPayment <Spltpmt>	[0..1]	Indicator		1894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1896
	SystemToNotify <SysToNtfy>	[0..1]	Text		1896
	Debtor <Dbtr>	[0..1]	±		1897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1898
	Creditor <Cdtr>	[0..1]	±		1898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1900
	Debtor <Dbtr>	[0..1]	±		1901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1903
	Creditor <Cdtr>	[0..1]	±		1903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1905
	MandateIdentification <MndtId>	[1..1]	Text		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1906

## 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		1886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1887
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1887
	BusinessArea <BizArea>	[0..1]	CodeSet		1888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1889
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1890

#### 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 2366):

- *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 2366):

- *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 2366):

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

#### 19.1.4.2.2.1.4 AttendanceContext <AttdncCntxt>

*Presence:* [0..1]

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

*Datatype:* ["AttendanceContext1Code"](#) on page 2305

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 2360

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 2360

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 2309

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 2366):

- *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 2330

## 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 2312

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 <FlfbckInd>

*Presence:* [0..1]

*Definition:* Indicator of a card entry mode fallback.

*Datatype:* "CardFallback1Code" on page 2312

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 2357

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		1891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1892
	CashierIdentification <CshrId>	[0..1]	Text		1892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1892
	ShiftNumber <ShiftNb>	[0..1]	Text		1892
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1892
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1892
	InvoiceNumber <InvNb>	[0..1]	Text		1892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1893
	CommonName <CmonNm>	[1..1]	Text		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1893
	SplitPayment <SplitPmt>	[0..1]	Indicator		1894
	RemainingAmount <RmngAmt>	[0..1]	Amount		1894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1895

#### 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 2371

#### 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 2371

#### **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 2371

#### **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 2371

#### **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 2330

##### **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 2370

#### **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 2366):

- *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 2371

#### **19.1.4.2.2.2.9 InvoiceNumber <InvNb>**

*Presence:* [0..1]

*Definition:* Identification of the invoice.

*Datatype:* "Max35Text" on page 2371

#### 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 2371

#### 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		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1893

##### 19.1.4.2.2.2.11.1 CommonName <CmonNm>

*Presence:* [1..1]

*Definition:* Name of the merchant.

*Datatype:* "Max70Text" on page 2373

##### 19.1.4.2.2.2.11.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Location of the merchant.

*Datatype:* "Max140Text" on page 2369

##### 19.1.4.2.2.2.11.3 CountryCode <CtryCd>

*Presence:* [1..1]

*Definition:* Country of the merchant.

*Datatype:* "ISO3NumericCountryCode" on page 2329

##### 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 2375

##### 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 2371

#### **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 2366):

- *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 2292

#### **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 2366):

- *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 2366):

- *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 2312

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.)

#### 19.1.4.2.2.17 SaleTokenScope <SaleTknScp>

*Presence:* [0..1]

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

*Datatype:* "SaleTokenScope1Code" on page 2355

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.

#### 19.1.4.2.2.18 AdditionalSaleData <AddtlSaleData>

*Presence:* [0..1]

*Definition:* Additional information associated with the sale transaction.

*Datatype:* "Max70Text" on page 2373

#### 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		1896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1896
	SystemToNotify <SysToNtfy>	[0..1]	Text		1896
	Debtor <Dbtr>	[0..1]	±		1897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1898
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1898
	Creditor <Cdtr>	[0..1]	±		1898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1899
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1900

#### 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 2366):

- *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 2366):

- *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 2368

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstddData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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]	±		1901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1902
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1903
	Creditor <Cdtr>	[0..1]	±		1903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1904
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1905
	MandateIdentification <MndtId>	[1..1]	Text		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1906

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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 2210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 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 1802 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1802
	Type <Tp>	[0..1]	±		1802
	Currency <Ccy>	[0..1]	CodeSet	C2	1803
	Name <Nm>	[0..1]	Text		1803
	Proxy <Prxy>	[0..1]	±		1803

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1906

#### 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 2371

#### 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 2364

#### 19.1.4.2.2.4.7.3 MandateImage <MndtImg>

*Presence:* [0..1]

*Definition:* Image of scanned signed mandate.

*Datatype:* "Max2MBBinary" on page 2293

#### 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 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.4.2.3 ServiceContent <SvcCntt>

*Presence:* [1..1]

*Definition:* Define the type of service answered.

*Datatype:* "RetailerService9Code" on page 2353

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 **DeviceDisplayResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OutputResult <OutptRslt>	[1..*]			1907
	DeviceType <DvcTp>	[1..1]	CodeSet		1908
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1908
	Response <Rspn>	[1..1]	±		1909

##### 19.1.4.2.4.1 OutputResult <OutptRslt>

*Presence:* [1..\*]

*Definition:* Give result for display request.

**OutputResult <OutptRslt>** contains the following **OutputResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		1908
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1908
	Response <Rspn>	[1..1]	±		1909

#### 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:* "UserInterface9Code" on page 2363

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.
CSTM	CustomerStatement	Cardholder bank statement.

#### 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 2326

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

CodeName	Name	Definition
		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.

#### 19.1.4.2.4.1.3 Response <Rspn>

*Presence:* [1..1]

*Definition:* Gives response for each peripheral.

**Response <Rspn>** contains the following elements (see "[ResponseType11](#)" on page 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 19.1.4.2.5 InputResponse <InptRspn>

*Presence:* [0..1]

*Definition:* Content of the Input Response message.

**InputResponse <InptRspn>** contains the following **DeviceInputResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OutputResult <OutptRslt>	[0..1]			1910
	DeviceType <DvcTp>	[1..1]	CodeSet		1910
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1911
	Response <Rspn>	[1..1]	±		1912
	InputResult <InptRslt>	[1..1]			1912
	DeviceType <DvcTp>	[1..1]	CodeSet		1912
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1913
	InputResultData <InptRsltData>	[1..1]			1913
	InputCommand <InptCmd>	[1..1]	CodeSet		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916

#### 19.1.4.2.5.1 OutputResult <OutptRslt>

*Presence:* [0..1]

*Definition:* Result of display request.

**OutputResult <OutptRslt>** contains the following **OutputResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		1910
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1911
	Response <Rspn>	[1..1]	±		1912

#### 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:* "UserInterface9Code" on page 2363

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.
CSTM	CustomerStatement	Cardholder bank statement.

#### 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 2326

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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

### 19.1.4.2.5.2 InputResult <InptRsIt>

*Presence:* [1..1]

*Definition:* Result of input request.

**InputResult <InptRsIt>** contains the following **InputResult6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeviceType <DvcTp>	[1..1]	CodeSet		1912
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1913
	InputResultData <InptRsItData>	[1..1]			1913
	InputCommand <InptCmd>	[1..1]	CodeSet		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916

### 19.1.4.2.5.2.1 DeviceType <DvcTp>

*Presence:* [1..1]

*Definition:* Type of Input device.

*Datatype:* "SaleCapabilities2Code" on page 2355

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 2326

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		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916

#### 19.1.4.2.5.2.3.1 InputCommand <InptCmd>

*Presence:* [1..1]

*Definition:* Type of processed input.

*Datatype:* "InputCommand1Code" on page 2327

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 2366](#)):

- *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 2366](#)

#### 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 2370](#)

#### 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 2265](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 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		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916

##### 19.1.4.2.5.2.3.6.1 ImageFormat <ImgFrmt>

*Presence:* [1..1]

*Definition:* Format of the image.

*Datatype:* "Max35Text" on page 2371

##### 19.1.4.2.5.2.3.6.2 ImageData <ImgData>

*Presence:* [0..1]

*Definition:* Data of the image.

*Datatype:* "Max2MBBinary" on page 2293

##### 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 2373

##### 19.1.4.2.5.2.3.6.4 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information for the image.

*Datatype:* "Max140Text" on page 2369

#### 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		1916

##### 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 2321

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]			1917
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1918
	PINFormat <PINFrmt>	[1..1]	CodeSet		1918
	AdditionalInput <AddtlInpt>	[0..1]	Text		1918

##### 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]	±		1918
	PINFormat <PINFrmt>	[1..1]	CodeSet		1918
	AdditionalInput <AddtlInpt>	[0..1]	Text		1918

#### 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 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.4.2.7.1.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2338

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 2371

#### 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		1919
	ICCRResetData <ICCRstData>	[0..1]			1919
	ATRValue <ATRVa/>	[0..1]	Binary		1920
	CardStatus <CardSts>	[0..1]	Binary		1920
	AdditionalInformation <AddtlInf>	[0..1]	Binary		1920

#### 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 2312

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		1920
	CardStatus <CardSts>	[0..1]	Binary		1920

#### 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 2292

#### 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 2293

#### 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 2292

#### 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		1920
	CardStatus <CardSts>	[1..1]	Binary		1920

#### 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 2294

#### 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 2294

#### 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		1921

##### 19.1.4.2.10.1 ReceivedMessage <RcvdMsg>

*Presence:* [0..1]

*Definition:* Content of a transmitted message.

*Datatype:* "Max100KBinary" on page 2292

#### 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 2184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

#### 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 2190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

## 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]	±		1922
	Email <Email>	[0..1]	Text		1922
	URLAddress <URLAdr>	[0..1]	Text		1923
	Phone <Phne>	[0..1]	Text		1923
	CustomerService <CstmrSvc>	[0..1]	Text		1923
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1923

#### 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 2228 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2229
	Department <Dept>	[0..1]	Text		2229
	SubDepartment <SubDept>	[0..1]	Text		2229
	AddressLine <AdrLine>	[0..2]	Text		2229
	StreetName <StrtNm>	[0..1]	Text		2230
	BuildingNumber <BldgNb>	[0..1]	Text		2230
	PostCode <PstCd>	[0..1]	Text		2230
	TownName <TwnNm>	[0..1]	Text		2230
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2230
	CountryCode <CtryCd>	[0..1]	Text		2230

#### 19.1.5.1.2 Email <Email>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2370

#### 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 2370

#### 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 2375

#### 19.1.5.1.5 CustomerService <CstmrSvc>

*Presence:* [0..1]

*Definition:* Phone number of the customer service.

*Datatype:* "PhoneNumber" on page 2375

#### 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 2370

### 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		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 19.1.6.1.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

*Presence:* [0..1]

*Definition:* Amount of purchase goods and services without tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.6.1.2 CashBack <CshBck>

*Presence:* [0..1]

*Definition:* Cash-back amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.6.1.3 Gratuity <Grtty>

*Presence:* [0..1]

*Definition:* Gratuity amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.6.1.4 Fees <Fees>

*Presence:* [0..\*]

*Definition:* Fees amount.

**Fees <Fees>** contains the following elements (see "DetailedAmount4" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1926
	Label <Labl>	[0..1]	Text		1926

#### 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 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1926
	Label <Labl>	[0..1]	Text		1926

#### 19.1.6.1.6 ValueAddedTax <ValAddedTax>

*Presence:* [0..\*]

*Definition:* Value added tax amount.

**ValueAddedTax <ValAddedTax>** contains the following elements (see "[DetailedAmount4](#)" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1926
	Label <Labl>	[0..1]	Text		1926

#### 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 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1926
	Label <Labl>	[0..1]	Text		1926

#### 19.1.6.2 AmountAndDirection93

*Definition:* Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1925
	Currency <Ccy>	[1..1]	CodeSet	C1	1925
	Sign <Sgn>	[0..1]	Indicator		1926

##### 19.1.6.2.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "[ImpliedCurrencyAndAmount](#)" on page 2292

##### 19.1.6.2.2 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* [C1 "ActiveCurrency"](#)

*Datatype:* "[ActiveCurrencyCode](#)" on page 2295

#### Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2366):

- *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		1926
	Label <Labl>	[0..1]	Text		1926

##### 19.1.6.3.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "[ImpliedCurrencyAndAmount](#)" on page 2292

##### 19.1.6.3.2 Label <Labl>

*Presence:* [0..1]

*Definition:* Short description of the amount to display or print.

*Datatype:* "[Max140Text](#)" on page 2369

#### 19.1.6.4 InstalmentAmountDetails1

*Definition:* Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1926
	OtherType <OthrTp>	[0..1]	Text		1927
	SubType <SubTp>	[0..1]	Text		1927
	Amount <Amt>	[0..1]	±		1927
	Percentage <Pctg>	[0..1]	Rate		1927

##### 19.1.6.4.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Grace period unit type.

*Datatype:* "InstalmentAmountDetailsType1Code" on page 2328

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 2371

#### 19.1.6.4.3 SubType <SubTp>

*Presence:* [0..1]

*Definition:* Grace period sub type.

*Datatype:* "Max35Text" on page 2371

#### 19.1.6.4.4 Amount <Amt>

*Presence:* [0..1]

*Definition:* Detailed instalment amount.

**Amount <Amt>** contains the following elements (see "Amount5" on page 1927 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1928
	Sign <Sgn>	[0..1]	Indicator		1928

#### 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 2367

#### 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		1928
	Sign <Sgn>	[0..1]	Indicator		1928

#### 19.1.6.5.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 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 2366):

- *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		1928
	UnitType <UnitTp>	[1..1]	CodeSet		1928
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1929

#### 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 2372

#### 19.1.7.1.2 UnitType <UnitTp>

*Presence:* [1..1]

*Definition:* Grace period unit type.

*Datatype:* "GracePeriodUnitType1Code" on page 2326

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 2371

#### 19.1.7.2 Instalment7

*Definition:* Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 19.1.7.2.1 InstalmentPlan <InstlmtPlan>

*Presence:* [0..\*]

*Definition:* Type of instalment plan.

*Datatype:* "InstalmentPlan1Code" on page 2328

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.

#### 19.1.7.2.2 PlanIdentification <PlanId>

*Presence:* [0..1]

*Definition:* Identification of the instalment plan.

*Datatype:* "Max35Text" on page 2371

#### 19.1.7.2.3 PlanOwner <PlanOwnr>

*Presence:* [0..1]

*Definition:* Type of the Plan Owner.

*Datatype:* "PlanOwner1Code" on page 2338

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.

#### 19.1.7.2.4 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Indicates the instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

*Datatype:* "Number" on page 2366

#### 19.1.7.2.5 PeriodUnit <PrdUnit>

*Presence:* [0..1]

*Definition:* Period unit between consecutive payments (for example day, month, year).

*Datatype:* "Frequency3Code" on page 2325

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.

#### 19.1.7.2.6 InstalmentPeriod <InstlmtPrd>

*Presence:* [0..1]

*Definition:* Number of period units between consecutive payments.

*Datatype:* "Number" on page 2366

#### 19.1.7.2.7 TotalNumberOfPayments <TtlNbOfPmts>

*Presence:* [0..1]

*Definition:* Total number of instalment payments.

*Datatype:* "Number" on page 2366

#### 19.1.7.2.8 FirstPaymentDate <FrstPmtDt>

*Presence:* [0..1]

*Definition:* Date of the first payment.

*Datatype:* "ISODate" on page 2364

#### 19.1.7.2.9 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Cumulative amount of all the instalments.

*Impacted by:* C1 "ActiveCurrency", C5 "CurrencyAmount"

*Datatype:* "ActiveCurrencyAndAmount" on page 2291

##### Constraints

- **ActiveCurrency**

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

#### 19.1.7.2.10 FirstAmount <FrstAmt>

*Presence:* [0..1]

*Definition:* Amount of the first payment.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.7.2.11 SubsequentAmount <SbsqntAmt>

*Presence:* [0..1]

*Definition:* Amount of subsequent payments but the first one.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.7.2.12 LastAmount <LastAmt>

*Presence:* [0..1]

*Definition:* Amount of the last payment.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.7.2.13 Charges <Chrgs>

*Presence:* [0..1]

*Definition:* Charges related to the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.7.2.14 DetailedCharges <DtldChrgs>

*Presence:* [0..\*]

*Definition:* Contains the charge details of an instalment plan.

**DetailedCharges <DtldChrgs>** contains the following elements (see "InstalmentAmountDetails1" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1926
	OtherType <OthrTp>	[0..1]	Text		1927
	SubType <SubTp>	[0..1]	Text		1927
	Amount <Amt>	[0..1]	±		1927
	Percentage <Pctg>	[0..1]	Rate		1927

#### 19.1.7.2.15 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		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934

##### 19.1.7.2.15.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Interest rate applicable to the instalment.

*Datatype:* "InterestRate1Code" on page 2329

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

#### 19.1.7.2.15.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

*Datatype:* "Max35Text" on page 2371

#### 19.1.7.2.15.3 Period <Prd>

*Presence:* [1..1]

*Definition:* Contains instalment period

*Datatype:* "InstalmentPeriod1Code" on page 2328

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

#### 19.1.7.2.15.4 Rate <Rate>

*Presence:* [1..1]

*Definition:* Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

*Datatype:* "BaseOneRate" on page 2367

#### 19.1.7.2.16 GracePeriod <GracePrd>

*Presence:* [0..\*]

*Definition:* Contains grace period details.

**GracePeriod <GracePrd>** contains the following elements (see "GracePeriod1" on page 1928 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1928
	UnitType <UnitTp>	[1..1]	CodeSet		1928
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1929

#### 19.1.7.2.17 PlanNotice <PlanNtce>

*Presence:* [0..\*]

*Definition:* Notice related to the InstalmentPlan.

**PlanNotice <PlanNtce>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

## 19.1.8 Customer Device

### 19.1.8.1 CustomerDevice3

*Definition:* Device used by the customer to perform the payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1935
	Type <Tp>	[0..1]	Text		1935
	Provider <Prvdr>	[0..1]	Text		1936

#### 19.1.8.1.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identifier of the component.

*Datatype:* "Max35Text" on page 2371

#### 19.1.8.1.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of component.

*Datatype:* "Max70Text" on page 2373

### 19.1.8.1.3 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the component.

*Datatype:* "Max35Text" on page 2371

## 19.1.9 Identification Information

### 19.1.9.1 GenericIdentification176

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1936
	Type <Tp>	[0..1]	CodeSet		1936
	Issuer <Issr>	[0..1]	CodeSet		1937
	Country <Ctry>	[0..1]	Text		1937
	ShortName <ShrtNm>	[0..1]	Text		1937

#### 19.1.9.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.1.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType33Code" on page 2335

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.

#### 19.1.9.1.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType33Code" on page 2335

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.

#### 19.1.9.1.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2374

#### 19.1.9.1.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

### 19.1.9.2 GenericIdentification90

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 19.1.9.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.2.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType14Code" on page 2335

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.

#### 19.1.9.2.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 19.1.9.2.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2374

#### 19.1.9.2.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.3 GenericIdentification177

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1944

#### 19.1.9.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType33Code" on page 2335

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.

#### 19.1.9.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType33Code" on page 2335

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.

#### 19.1.9.3.4 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "Min2Max3AlphaText" on page 2374

#### 19.1.9.3.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

### 19.1.9.3.6 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <ClntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

### 19.1.9.3.7 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]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 19.1.9.3.7.1 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		1943
	Longitude <Long>	[1..1]	Text		1943

#### 19.1.9.3.7.1.1 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 2371

#### 19.1.9.3.7.1.2 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 2371

#### 19.1.9.3.7.2 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		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 19.1.9.3.7.2.1 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 2371

#### 19.1.9.3.7.2.2 UTMEastward <UTMEstwrdr>

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator

coordinate system.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.3.7.2.3 UTMNorthward <UTMNrthwrd>

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator

coordinate system.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.4 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		1944
	IdentificationType <IdTp>	[1..1]	Text		1944

##### 19.1.9.4.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identifier issued to a person for which no specific identifier has been defined.

*Datatype:* "Max35Text" on page 2371

##### 19.1.9.4.2 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 2371

#### 19.1.9.5 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		1944
	Issuer <Issr>	[1..1]	Text		1945
	SchemeName <SchmeNm>	[0..1]	Text		1945

##### 19.1.9.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Proprietary information, often a code, issued by the data source scheme issuer.

*Datatype:* "Exact4AlphaNumericText" on page 2368

#### 19.1.9.5.2 Issuer <Issr>

*Presence:* [1..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2371

#### 19.1.9.5.3 SchemeName <SchmeNm>

*Presence:* [0..1]

*Definition:* Short textual description of the scheme.

*Datatype:* "Max35Text" on page 2371

### 19.1.10 Miscellaneous

#### 19.1.10.1 DataSetIdentification11

*Definition:* Identification of a data set.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1945
	Type <Tp>	[1..1]	CodeSet		1945
	Version <Vrsn>	[0..1]	Text		1946
	CreationDateTime <CreDtTm>	[0..1]	DateTime		1947

##### 19.1.10.1.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the data set.

*Datatype:* "Max256Text" on page 2370

##### 19.1.10.1.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Category of data set.

*Datatype:* "DataSetCategory20Code" on page 2320

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.

CodeName	Name	Definition
TXCP	BatchCapture	Batch upload of transaction data (data capture of a group of transactions).
AKCP	CaptureResponse	Batch download response for the batch capture of transactions.
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.
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.

#### 19.1.10.1.3 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data set.

*Datatype:* "Max256Text" on page 2370

#### **19.1.10.1.4 CreationDateTime <CreDtTm>**

*Presence:* [0..1]

*Definition:* Date and time of creation of the data set.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2 RetailerReversalResult8**

*Definition:* Reversal transaction results after a reversal request.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1952
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1952
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1957
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1957
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1958
	TransactionType <TxTp>	[1..1]	CodeSet		1958
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1959
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1960
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1960
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1961
	TransactionIdentification <TxId>	[1..1]	±		1961
	OriginalTransaction <OrgnlTx>	[0..1]			1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1970

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <DcmI>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <ApIblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1973
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1974
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1974
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1974
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1974
	TransactionDetails <TxDtls>	[1..1]			1975
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	TotalAmount <TtlAmt>	[1..1]	Amount		1978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtlAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987
	ApplicableBinRange <ApblBinRg>	[0..*]			1987

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <DclrtDtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <Saleitm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995
	AuthorisationResult <AuthstnRslt>	[0..1]			1995
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1997
	CustomerOrder <CstmrOrdr>	[0..1]	±		1997
	CustomerToken <CstmrTkn>	[0..1]	±		1997
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1998
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1998
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1998
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1998
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1999
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1999
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1999
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1999
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002
	CustomerOrder <CstmrOrdr>	[0..*]	±		2002

#### 19.1.10.2.1 POIReconciliationIdentification <POIRcncltnId>

*Presence:* [0..1]

*Definition:* POI reconciliation identification.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2 OriginalPaymentTransaction <OrgnPmtTx>

*Presence:* [0..1]

*Definition:* Original Transaction if any linked to this reversal.

**OriginalPaymentTransaction <OrgnPmtTx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1957
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1957
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1958
	TransactionType <TxTp>	[1..1]	CodeSet		1958
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1959
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1960
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1960
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1961
	TransactionIdentification <TxId>	[1..1]	±		1961
	OriginalTransaction <OrgnITx>	[0..1]			1961
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1973
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1974
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1974
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1974
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1974
	TransactionDetails <TxDtls>	[1..1]			1975
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	TotalAmount <TtlAmt>	[1..1]	Amount		1978
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtldAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <DclrtDtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtnTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <SaleItm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995
	AuthorisationResult <AuthstnRslt>	[0..1]			1995
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1997
	CustomerOrder <CstmrOrd>	[0..1]	±		1997
	CustomerToken <CstmrTkn>	[0..1]	±		1997
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1998
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1998
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1998
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1998
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1999
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1999
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1999
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			1999
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002

#### 19.1.10.2.2.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.2.2.2 PaymentInstrument <PmtInstrm>

*Presence:* [0..\*]

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

*Datatype:* "PaymentInstrumentType2Code" on page 2337

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.

#### 19.1.10.2.2.3 PaymentTypeInformation <PmtTpInf>

*Presence:* [0..1]

*Definition:* Further details related to the set of payment types.

**PaymentTypeInformation <PmtTpInf>** contains the following elements (see "PaymentTypeInformation26" on page 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.10.2.2.4 TransactionType <TxTp>

*Presence:* [1..1]

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

*Datatype:* "CardPaymentServiceType16Code" on page 2315

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

#### 19.1.10.2.2.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 19.1.10.2.2.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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.

#### 19.1.10.2.2.7 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Usage:* When absent, default value is True.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.2.2.8 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2375

#### 19.1.10.2.2.9 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.10 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 19.1.10.2.2.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1963
	TransactionIdentification <TxId>	[1..1]	±		1963
	POIIdentification <POIID>	[1..1]			1963
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965
	CurrencyConversion <CcyConvs>	[0..1]			1965
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <ApblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1973

#### 19.1.10.2.2.11.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.2 TransactionIdentification <TxId>

*Presence:* [1..1]

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

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 19.1.10.2.2.11.3 POIIdentification <POIID>

*Presence:* [1..1]

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

**POIIdentification <POIID>** contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1964
	Type <Tp>	[0..1]	CodeSet		1964
	Issuer <Issr>	[0..1]	CodeSet		1964
	ShortName <ShrtNm>	[0..1]	Text		1965

#### 19.1.10.2.2.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 19.1.10.2.2.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 19.1.10.2.2.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1967
	ResultReason <RsltRsn>	[0..1]	Text		1967
	ConversionDetails <ConvsDtls>	[0..*]			1967
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969
	ResultingAmount <RsltAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1973

#### 19.1.10.2.2.11.4.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2319

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.

#### 19.1.10.2.2.11.4.2 ResultReason <RsltRsn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.4.3 ConversionDetails <ConvsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1969
	TargetCurrency <TrgtCcy>	[1..1]			1969
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1970
	ExchangeRate <XchgRate>	[1..1]	Rate		1970
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1970
	QuotationDate <QtnDt>	[0..1]	DateTime		1970
	ValidFrom <VldFr>	[0..1]	DateTime		1970
	ValidUntil <VldUntil>	[0..1]	DateTime		1970
	SourceCurrency <SrcCcy>	[1..1]			1970
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971
	ApplicableBinRange <AplblBinRg>	[0..*]			1971
	LowerBin <LwrBin>	[1..1]	Text		1972
	HigherBin <HghrBin>	[1..1]	Text		1972
	OriginalAmount <OrgnlAmt>	[0..1]			1972
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972
	CommissionDetails <ComssnDtls>	[0..*]			1973
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	MarkUpDetails <MrkUpDtls>	[0..*]			1973
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973
	DeclarationDetails <DclrtDtls>	[0..*]	±		1973

#### 19.1.10.2.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.4.3.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1969
	NumericCode <NmrcCd>	[1..1]	Text		1969
	Decimal <Dcml>	[1..1]	Quantity		1969
	Name <Nm>	[0..1]	Text		1969

##### 19.1.10.2.2.11.4.3.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

#### Constraints

- **ActiveCurrency**

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

##### 19.1.10.2.2.11.4.3.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

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

*Datatype:* "Exact3NumericText" on page 2368

##### 19.1.10.2.2.11.4.3.2.3 Decimal <Dcml>

*Presence:* [1..1]

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

*Datatype:* "Number" on page 2366

##### 19.1.10.2.2.11.4.3.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.2.2.11.4.3.3 ResultingAmount <RsltgAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.2.2.11.4.3.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.2.2.11.4.3.5 InvertedExchangeRate <NvrtXchgRate>**

*Presence:* [0..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.2.2.11.4.3.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

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

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.11.4.3.7 ValidFrom <VldFr>**

*Presence:* [0..1]

*Definition:* Specifies when the currency conversion could start.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.11.4.3.8 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.11.4.3.9 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1971
	NumericCode <NmrcCd>	[0..1]	Text		1971
	Decimal <Dcml>	[0..1]	Quantity		1971
	Name <Nm>	[0..1]	Text		1971

#### 19.1.10.2.2.11.4.3.9.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.2.2.11.4.3.9.2 NumericCode <NmrcCd>

*Presence:* [0..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.2.2.11.4.3.9.3 Decimal <Dcml>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.2.2.11.4.3.9.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.11.4.3.10 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		1972
	HigherBin <HghrBin>	[1..1]	Text		1972

**19.1.10.2.2.11.4.3.10.1 LowerBin <LwrBin>**

*Presence:* [1..1]

*Definition:* Lower value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.2.2.11.4.3.10.2 HigherBin <HghrBin>**

*Presence:* [1..1]

*Definition:* Higher value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.2.2.11.4.3.11 OriginalAmount <OrgnlAmt>**

*Presence:* [0..1]

*Definition:* Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1972
	MinimumAmount <MinAmt>	[0..1]	Amount		1972
	MaximumAmount <MaxAmt>	[0..1]	Amount		1972

**19.1.10.2.2.11.4.3.11.1 ActualAmount <ActlAmt>**

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.2.2.11.4.3.11.2 MinimumAmount <MinAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.2.2.11.4.3.11.3 MaximumAmount <MaxAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.11.4.3.12 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973

##### 19.1.10.2.2.11.4.3.12.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 19.1.10.2.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.2.2.11.4.3.13 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1973
	AdditionalInformation <AddtlInf>	[0..1]	Text		1973

##### 19.1.10.2.2.11.4.3.13.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2367

##### 19.1.10.2.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.2.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclRtnDtIs>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.2.2.12 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.13 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.2.2.14 IssuerCITIdentification <IssrCITId>

*Presence:* [0..1]

*Definition:* Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.2.2.15 MerchantCITIdentification <MrchntCITId>

*Presence:* [0..1]

*Definition:* Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

*Datatype:* "Max140Text" on page 2369

**19.1.10.2.2.16 TransactionDetails <TxDtIs>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1978
	TotalAmount <TtlAmt>	[1..1]	Amount		1978
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1978
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1978
	DetailedAmount <DtldAmt>	[0..1]	±		1978
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1979
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1979
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1979
	ValidityDate <VldtyDt>	[0..1]	Date		1979
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1979
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1980
	AccountType <AcctTp>	[0..1]	CodeSet		1980
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1981
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1987
	ApplicableBinRange <ApblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <DclrtDtls>	[0..*]	±		1989
	Instalment <Instlmt>	[0..*]	±		1990
	Recurring <Rcrng>	[0..1]	±		1991
	AggregationTransaction <AggtTx>	[0..1]	±		1992
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1992
	SaleItem <Saleitm>	[0..*]	±		1992
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1993
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1993
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1993
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1993
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1994
	AdditionalInformation <AddtlInf>	[0..*]			1994
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctcdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1995

#### 19.1.10.2.2.16.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.2.2.16.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2361

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.

#### 19.1.10.2.2.16.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

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

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 19.1.10.2.2.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.8 InvoiceAmount <InvAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2364

#### 19.1.10.2.2.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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

#### 19.1.10.2.2.16.11 UnattendedLevelCategory <UattnddLvICtgy>

*Presence:* [0..1]

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

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.2.2.16.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2310

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.

#### 19.1.10.2.2.16.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

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

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1983
	Conversion <Convs>	[0..1]			1983
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1989

#### 19.1.10.2.2.16.13.1 AcceptedByCardholder <AcptdByCrdhldr>

*Presence:* [0..1]

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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 19.1.10.2.2.16.13.2 Conversion <Convs>

*Presence:* [0..1]

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

**Conversion <Convs>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1985
	TargetCurrency <TrgtCcy>	[1..1]			1985
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985
	ResultingAmount <RsltAmt>	[0..1]	Amount		1986
	ExchangeRate <XchgRate>	[1..1]	Rate		1986
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1986
	QuotationDate <QtnDt>	[0..1]	DateTime		1986
	ValidFrom <VldFr>	[0..1]	DateTime		1986
	ValidUntil <VldUntil>	[0..1]	DateTime		1986
	SourceCurrency <SrcCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987
	ApplicableBinRange <AplblBinRg>	[0..*]			1987
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988
	OriginalAmount <OrgnlAmt>	[0..1]			1988
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988
	CommissionDetails <ComssnDtls>	[0..*]			1989
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	MarkUpDetails <MrkUpDtls>	[0..*]			1989
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989
	DeclarationDetails <DclrtDtls>	[0..*]	±		1989

#### 19.1.10.2.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.16.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1985
	NumericCode <NmrcCd>	[1..1]	Text		1985
	Decimal <Dcml>	[1..1]	Quantity		1985
	Name <Nm>	[0..1]	Text		1985

#### 19.1.10.2.2.16.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.2.2.16.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.2.2.16.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.2.2.16.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.2.2.16.13.2.3 ResultingAmount <RsltAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.2.2.16.13.2.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.2.2.16.13.2.5 InvertedExchangeRate <NvrtDXchgRate>**

*Presence:* [0..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.2.2.16.13.2.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

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

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.16.13.2.7 ValidFrom <VldFr>**

*Presence:* [0..1]

*Definition:* Specifies when the currency conversion could start.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.16.13.2.8 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.2.2.16.13.2.9 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1987
	NumericCode <NmrcCd>	[0..1]	Text		1987
	Decimal <Dcml>	[0..1]	Quantity		1987
	Name <Nm>	[0..1]	Text		1987

#### 19.1.10.2.2.16.13.2.9.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.2.2.16.13.2.9.2 NumericCode <NmrcCd>

*Presence:* [0..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.2.2.16.13.2.9.3 Decimal <Dcml>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.2.2.16.13.2.9.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.16.13.2.10 ApplicableBinRange <AplblBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1988
	HigherBin <HghrBin>	[1..1]	Text		1988

**19.1.10.2.2.16.13.2.10.1 LowerBin <LwrBin>**

*Presence:* [1..1]

*Definition:* Lower value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.2.2.16.13.2.10.2 HigherBin <HghrBin>**

*Presence:* [1..1]

*Definition:* Higher value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.2.2.16.13.2.11 OriginalAmount <OrgnlAmt>**

*Presence:* [0..1]

*Definition:* Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1988
	MinimumAmount <MinAmt>	[0..1]	Amount		1988
	MaximumAmount <MaxAmt>	[0..1]	Amount		1988

**19.1.10.2.2.16.13.2.11.1 ActualAmount <ActlAmt>**

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.2.2.16.13.2.11.2 MinimumAmount <MinAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.2.2.16.13.2.11.3 MaximumAmount <MaxAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.13.2.12 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989

##### 19.1.10.2.2.16.13.2.12.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 19.1.10.2.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.2.2.16.13.2.13 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1989
	AdditionalInformation <AddtlInf>	[0..1]	Text		1989

##### 19.1.10.2.2.16.13.2.13.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2367

##### 19.1.10.2.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.2.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclRtnDtIs>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.2.2.16.14 Instalment <Instlmt>

*Presence:* [0..\*]

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

**Instalment <Instlmt>** contains the following elements (see "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 19.1.10.2.2.16.15 Recurring <Rcrng>

*Presence:* [0..1]

*Definition:* Data related to a recurring transaction.

**Recurring <Rcrng>** contains the following elements (see "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 19.1.10.2.2.16.16 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Lab>	[0..1]	Text		2181

#### 19.1.10.2.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 19.1.10.2.2.16.18 SaleItem <Saleitm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 19.1.10.2.2.16.19 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.2.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.2.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.2.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.2.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.2.2.16.24 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1994
	Value <Val>	[0..1]	Binary		1994
	ProtectedValue <PrctcdVal>	[0..1]	±		1994
	Type <Tp>	[0..1]	Text		1995

##### 19.1.10.2.2.16.24.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2368

##### 19.1.10.2.2.16.24.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2292

##### 19.1.10.2.2.16.24.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.10.2.2.16.24.4 Type <Tp>

*Presence:* [0..1]

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

*Datatype:* "[Max1025Text](#)" on page 2368

#### 19.1.10.2.2.16.25 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "[Max10000Binary](#)" on page 2292

#### 19.1.10.2.2.17 AuthorisationResult <AuthstnRslt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1995
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1996
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1997

#### 19.1.10.2.2.17.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 19.1.10.2.2.17.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1996
	ResponseReason <RspnRsn>	[0..1]	Text		1996
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1997

#### 19.1.10.2.2.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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).

#### 19.1.10.2.2.17.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.2.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.2.2.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 19.1.10.2.2.18 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

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

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.2.2.19 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrdr>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 19.1.10.2.2.20 CustomerToken <CstmrTkn>

*Presence:* [0..1]

*Definition:* Customer payment token information.

**CustomerToken <CstmrTkn>** contains the following elements (see "[CardPaymentToken5](#)" on page 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2289

#### 19.1.10.2.2.21 CustomerConsent <CstmrCnsnt>

*Presence:* [0..1]

*Definition:* Indicates if the customer has explicitly validated a choice.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 19.1.10.2.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

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

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.2.2.23 CardProgrammeApplied <CardPrgrmmAppld>

*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 2371

#### 19.1.10.2.2.24 SaleToPOIData <SaleToPOIData>

*Presence:* [0..1]

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

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.2.2.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.2.2.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.2.2.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.2.2.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1999
	MessageToPresent <MsgToPres>	[0..1]	±		2000
	RemoteAccess <RmotAccs>	[0..1]	±		2001
	Retry <Rtry>	[0..1]	±		2001
	TimeCondition <TmCond>	[0..1]	±		2002

#### 19.1.10.2.2.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 19.1.10.2.2.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.2.2.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.10.2.2.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see ["ProcessRetry3"](#) on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 19.1.10.2.2.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see ["ProcessTiming6"](#) on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 19.1.10.2.3 CustomerOrder <CstmrOrdr>

*Presence:* [0..\*]

*Definition:* Updated Customer order list after reversal.

**CustomerOrder <CstmrOrdr>** contains the following elements (see ["CustomerOrder1"](#) on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

### **19.1.10.3 RetailerPaymentResult8**

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2011
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2011
	TransactionType <TxTp>	[1..1]	CodeSet		2012
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2013
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2013
	RequestedTransaction <ReqdTxx>	[0..1]			2014
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2023
	TransactionIdentification <Txld>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2025
	TransactionIdentification <Txld>	[1..1]	±		2025
	POIIdentification <POIld>	[1..1]			2025
	Identification <ld>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer </ssr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvslld>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <DcmI>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <DcmI>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <AplblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkupDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2035
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtIs>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <AplblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtnTx>	[0..1]	±		2054
	ProductCodeSetIdIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056
	ProtectedValue <PrctcdVal>	[0..1]	±		2056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrdr>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064
	TransactionResponse <TxRspn>	[0..1]			2064
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068
	ResponseReason <RspnRsn>	[0..1]	Text		2068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrctcdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <AplblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2083
	CustomerOrder <CstmrOrdrr>	[0..*]	±		2084
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2085
	ImageFormat <ImgFrmt>	[1..1]	Text		2085

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2086
	MerchantOverrideFlag <MrchntOvrrdFlg>	[0..1]	Indicator		2086
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C12	2086
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2086

### 19.1.10.3.1 PaymentInstrument <PmtInstrm>

*Presence:* [0..\*]

*Definition:* Set of payment instruments relevant to this transaction.

*Datatype:* "PaymentInstrumentType2Code" on page 2337

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.

### 19.1.10.3.2 PaymentTypeInfo <PmtTpInf>

*Presence:* [0..1]

*Definition:* Further details related to the set of payment types.

**PaymentTypeInformation <PmtTpInf>** contains the following elements (see  
"PaymentTypeInformation26" on page 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.10.3.3 TransactionType <TxTp>

*Presence:* [1..1]

*Definition:* Type of payment transaction.

*Datatype:* "CardPaymentServiceType12Code" on page 2313

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

CodeName	Name	Definition
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

#### 19.1.10.3.4 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service provided by the card payment transaction, in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

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.

#### 19.1.10.3.5 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.

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

#### 19.1.10.3.6 RequestedTransaction <ReqdTxx>

*Presence:* [0..1]

*Definition:* Data associated with the Transaction.

**RequestedTransaction <ReqdTxx>** contains the following **PaymentTransaction183** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2019
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2019
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		2020
	TransactionType <TxTp>	[1..1]	CodeSet		2020
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2021
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2022
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2022
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2023
	TransactionIdentification <TxId>	[1..1]	±		2023
	OriginalTransaction <OrgnlTx>	[0..1]			2023
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2025
	TransactionIdentification <TxId>	[1..1]	±		2025
	POIIdentification <POIID>	[1..1]			2025
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <AplblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkUpDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2035
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		2036
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2036
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2036
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2036
	TransactionDetails <TxDtls>	[1..1]			2037
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrdhdr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <AplblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056
	ProtectedValue <PrctdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2057
	AuthorisationResult <AuthstnRslt>	[0..1]			2057
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2059
	CustomerOrder <CstmrOrd>	[0..1]	±		2059
	CustomerToken <CstmrTkn>	[0..1]	±		2059
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2060
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2060
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2060
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2060
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2061
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2061
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2061
	MessageFromMerchant <MsgFrMrchnt>	[0..*]			2061
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064

#### 19.1.10.3.6.1 TransactionCapture <TxCaptr>

*Presence:* [0..1]

*Definition:* Flag indicating whether the transaction data must be captured or not in addition to the message process.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.3.6.2 PaymentInstrument <PmtInstrm>

*Presence:* [0..\*]

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

*Datatype:* "PaymentInstrumentType2Code" on page 2337

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.

#### 19.1.10.3.6.3 PaymentTypeInformation <PmtTpInf>

*Presence:* [0..1]

*Definition:* Further details related to the set of payment types.

**PaymentTypeInformation <PmtTpInf>** contains the following elements (see "PaymentTypeInformation26" on page 2219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.10.3.6.4 TransactionType <TxTp>

*Presence:* [1..1]

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

*Datatype:* "CardPaymentServiceType16Code" on page 2315

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

#### 19.1.10.3.6.5 AdditionalService <AddtlSvc>

*Presence:* [0..\*]

*Definition:* Service in addition to the main service.

*Datatype:* "CardPaymentServiceType9Code" on page 2316

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.

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

#### 19.1.10.3.6.6 ServiceAttribute <SvcAttr>

*Presence:* [0..1]

*Definition:* Additional attribute of the service type.

*Datatype:* "CardPaymentServiceType15Code" on page 2315

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.

#### 19.1.10.3.6.7 LastTransactionFlag <LastTxFlg>

*Presence:* [0..1]

*Definition:* Flag indicating processing of the last transaction.

*Usage:* When absent, default value is True.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.3.6.8 MerchantCategoryCode <MrchntCtgyCd>

*Presence:* [0..1]

*Definition:* Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

*Datatype:* "Min3Max4Text" on page 2375

#### 19.1.10.3.6.9 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.10 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentifier1" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 19.1.10.3.6.11 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Identification of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following **CardPaymentTransaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2025
	TransactionIdentification <TxId>	[1..1]	±		2025
	POIIdentification <POIID>	[1..1]			2025
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027
	CurrencyConversion <CcyConvs>	[0..1]			2027
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <ApblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkUpDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2035

#### 19.1.10.3.6.11.1 SaleReferenceIdentification <SaleRefId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.2 TransactionIdentification <TxId>

*Presence:* [1..1]

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

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentifier1](#)" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

#### 19.1.10.3.6.11.3 POIIdentification <POIID>

*Presence:* [1..1]

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

**POIIdentification <POIID>** contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2026
	Type <Tp>	[0..1]	CodeSet		2026
	Issuer <Issr>	[0..1]	CodeSet		2026
	ShortName <ShrtNm>	[0..1]	Text		2027

#### 19.1.10.3.6.11.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 19.1.10.3.6.11.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

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.

#### 19.1.10.3.6.11.3.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.4 CurrencyConversion <CcyConvs>

*Presence:* [0..1]

*Definition:* Link to a previous currency conversion.

**CurrencyConversion <CcyConvs>** contains the following **CurrencyConversion36** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		2029
	ResultReason <RsltRsn>	[0..1]	Text		2029
	ConversionDetails <ConvsDtls>	[0..*]			2029
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvtrdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <AplblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkUpDetails <MrkUpDtls>	[0..*]			2035

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2035

#### 19.1.10.3.6.11.4.1 Result <Rslt>

*Presence:* [1..1]

*Definition:* Result of a requested currency conversion.

*Datatype:* "CurrencyConversionResponse3Code" on page 2319

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.

#### 19.1.10.3.6.11.4.2 ResultReason <RsltRsn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.4.3 ConversionDetails <ConvsDtls>

*Presence:* [0..\*]

*Definition:* Information about the conversion of currency.

**ConversionDetails <ConvDtls>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2031
	TargetCurrency <TrgtCcy>	[1..1]			2031
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031
	ResultingAmount <RsltAmt>	[0..1]	Amount		2032
	ExchangeRate <XchgRate>	[1..1]	Rate		2032
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2032
	QuotationDate <QtnDt>	[0..1]	DateTime		2032
	ValidFrom <VldFr>	[0..1]	DateTime		2032
	ValidUntil <VldUntil>	[0..1]	DateTime		2032
	SourceCurrency <SrcCcy>	[1..1]			2032
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033
	ApplicableBinRange <AplblBinRg>	[0..*]			2033
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034
	OriginalAmount <OrgnlAmt>	[0..1]			2034
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034
	CommissionDetails <ComssnDtls>	[0..*]			2035
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	MarkUpDetails <MrkUpDtls>	[0..*]			2035
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035
	DeclarationDetails <DclrtDtls>	[0..*]	±		2035

#### 19.1.10.3.6.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.4.3.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2031
	NumericCode <NmrcCd>	[1..1]	Text		2031
	Decimal <Dcml>	[1..1]	Quantity		2031
	Name <Nm>	[0..1]	Text		2031

##### 19.1.10.3.6.11.4.3.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

#### Constraints

- **ActiveCurrency**

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

##### 19.1.10.3.6.11.4.3.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

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

*Datatype:* "Exact3NumericText" on page 2368

##### 19.1.10.3.6.11.4.3.2.3 Decimal <Dcml>

*Presence:* [1..1]

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

*Datatype:* "Number" on page 2366

##### 19.1.10.3.6.11.4.3.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

---

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.3.6.11.4.3.3 ResultingAmount <RsltAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.3.6.11.4.3.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.3.6.11.4.3.5 InvertedExchangeRate <NvrtdXchgRate>**

*Presence:* [0..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.3.6.11.4.3.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

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

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.6.11.4.3.7 ValidFrom <VldFr>**

*Presence:* [0..1]

*Definition:* Specifies when the currency conversion could start.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.6.11.4.3.8 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.6.11.4.3.9 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2033
	NumericCode <NmrcCd>	[0..1]	Text		2033
	Decimal <Dcml>	[0..1]	Quantity		2033
	Name <Nm>	[0..1]	Text		2033

#### 19.1.10.3.6.11.4.3.9.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.3.6.11.4.3.9.2 NumericCode <NmrcCd>

*Presence:* [0..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.3.6.11.4.3.9.3 Decimal <Dcml>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.3.6.11.4.3.9.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.11.4.3.10 ApplicableBinRange <AplblBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2034
	HigherBin <HghrBin>	[1..1]	Text		2034

#### 19.1.10.3.6.11.4.3.10.1 LowerBin <LwrBin>

*Presence:* [1..1]

*Definition:* Lower value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

#### 19.1.10.3.6.11.4.3.10.2 HigherBin <HghrBin>

*Presence:* [1..1]

*Definition:* Higher value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

#### 19.1.10.3.6.11.4.3.11 OriginalAmount <OrgnlAmt>

*Presence:* [0..1]

*Definition:* Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2034
	MinimumAmount <MinAmt>	[0..1]	Amount		2034
	MaximumAmount <MaxAmt>	[0..1]	Amount		2034

#### 19.1.10.3.6.11.4.3.11.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.11.4.3.11.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.11.4.3.11.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.11.4.3.12 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035

##### 19.1.10.3.6.11.4.3.12.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 19.1.10.3.6.11.4.3.12.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.6.11.4.3.13 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2035
	AdditionalInformation <AddtlInf>	[0..1]	Text		2035

##### 19.1.10.3.6.11.4.3.13.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2367

##### 19.1.10.3.6.11.4.3.13.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.6.11.4.3.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclrtnDtls>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrCdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.3.6.12 ReconciliationIdentification <RcncltnId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.13 IssuerReferenceData <IssrRefData>

*Presence:* [0..1]

*Definition:* Identification of the transaction given by the Issuer.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.3.6.14 IssuerCITIdentification <IssrCITId>

*Presence:* [0..1]

*Definition:* Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.3.6.15 MerchantCITIdentification <MrchntCITId>

*Presence:* [0..1]

*Definition:* Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

*Datatype:* "Max140Text" on page 2369

**19.1.10.3.6.16 TransactionDetails <TxDtls>**

*Presence:* [1..1]

*Definition:* Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2040
	TotalAmount <TtlAmt>	[1..1]	Amount		2040
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2040
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2040
	DetailedAmount <DtldAmt>	[0..1]	±		2040
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2041
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2041
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2041
	ValidityDate <VldtyDt>	[0..1]	Date		2041
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2041
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2043
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <ApblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <DclrtDtls>	[0..*]	±		2051
	Instalment <Instlmt>	[0..*]	±		2052
	Recurring <Rcrng>	[0..1]	±		2053
	AggregationTransaction <AggtTx>	[0..1]	±		2054
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2054
	SaleItem <Saleitm>	[0..*]	±		2054
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2055
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2055
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2055
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		2055
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2056
	AdditionalInformation <AddtlInf>	[0..*]			2056
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056
	ProtectedValue <PrctcdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2057

#### 19.1.10.3.6.16.1 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency associated with the transaction.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.3.6.16.2 TotalAmount <TtlAmt>

*Presence:* [1..1]

*Definition:* Total amount of the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.3 CumulativeAmount <CmltvAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.4 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifies the amount associated with the transaction.

*Datatype:* "TypeOfAmount8Code" on page 2361

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.

#### 19.1.10.3.6.16.5 DetailedAmount <DtldAmt>

*Presence:* [0..1]

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

**DetailedAmount <DtldAmt>** contains the following elements (see "DetailedAmount15" on page 1923 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1924
	CashBack <CshBck>	[0..1]	Amount		1924
	Gratuity <Grtty>	[0..1]	Amount		1924
	Fees <Fees>	[0..*]	±		1924
	Rebate <Rbt>	[0..*]	±		1924
	ValueAddedTax <ValAddedTax>	[0..*]	±		1924
	Surcharge <Srchr>	[0..*]	±		1925

#### 19.1.10.3.6.16.6 RequestedAmount <ReqdAmt>

*Presence:* [0..1]

*Definition:* Amount requested to be authorised.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.7 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..1]

*Definition:* Amount authorised for the payment transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.8 InvoiceAmount <InvAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.9 ValidityDate <VldtyDt>

*Presence:* [0..1]

*Definition:* Transaction authorisation deadline to complete the related payment.

*Datatype:* "ISODate" on page 2364

#### 19.1.10.3.6.16.10 OnLineReason <OnLineRsn>

*Presence:* [0..\*]

*Definition:* Reason to process an online authorisation.

*Datatype:* "OnLineReason2Code" on page 2333

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

#### 19.1.10.3.6.16.11 UnattendedLevelCategory <UattnddLvICtgy>

*Presence:* [0..1]

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

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.3.6.16.12 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of cardholder account used for the transaction.

*Datatype:* "CardAccountType3Code" on page 2310

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.

#### 19.1.10.3.6.16.13 CurrencyConversionResult <CcyConvsRslt>

*Presence:* [0..1]

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

**CurrencyConversionResult <CcyConvRsIt>** contains the following **CurrencyConversion35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2045
	Conversion <Convs>	[0..1]			2045
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <AplblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2051

#### 19.1.10.3.6.16.13.1 AcceptedByCardholder <AcptdByCrdhldr>

*Presence:* [0..1]

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

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 19.1.10.3.6.16.13.2 Conversion <Convs>

*Presence:* [0..1]

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

**Conversion <Convs>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2047
	TargetCurrency <TrgtCcy>	[1..1]			2047
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047
	ResultingAmount <RsltAmt>	[0..1]	Amount		2048
	ExchangeRate <XchgRate>	[1..1]	Rate		2048
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2048
	QuotationDate <QtnDt>	[0..1]	DateTime		2048
	ValidFrom <VldFr>	[0..1]	DateTime		2048
	ValidUntil <VldUntil>	[0..1]	DateTime		2048
	SourceCurrency <SrcCcy>	[1..1]			2048
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049
	ApplicableBinRange <AplblBinRg>	[0..*]			2049
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050
	OriginalAmount <OrgnlAmt>	[0..1]			2050
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050
	CommissionDetails <ComssnDtls>	[0..*]			2051
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	MarkUpDetails <MrkUpDtls>	[0..*]			2051
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051
	DeclarationDetails <DclrtDtls>	[0..*]	±		2051

#### 19.1.10.3.6.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.16.13.2.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2047
	NumericCode <NmrcCd>	[1..1]	Text		2047
	Decimal <Dcml>	[1..1]	Quantity		2047
	Name <Nm>	[0..1]	Text		2047

##### 19.1.10.3.6.16.13.2.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

#### Constraints

- **ActiveCurrency**

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

##### 19.1.10.3.6.16.13.2.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

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

*Datatype:* "Exact3NumericText" on page 2368

##### 19.1.10.3.6.16.13.2.2.3 Decimal <Dcml>

*Presence:* [1..1]

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

*Datatype:* "Number" on page 2366

##### 19.1.10.3.6.16.13.2.2.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

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*Datatype:* "Max35Text" on page 2371

**19.1.10.3.6.16.13.2.3 ResultingAmount <RsltgAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.3.6.16.13.2.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

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

*Datatype:* "PercentageRate" on page 2367

**19.1.10.3.6.16.13.2.5 InvertedExchangeRate <NvrtDXchgRate>**

*Presence:* [0..1]

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

*Datatype:* "PercentageRate" on page 2367

**19.1.10.3.6.16.13.2.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

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

*Datatype:* "ISODateTime" on page 2364

**19.1.10.3.6.16.13.2.7 ValidFrom <VldFr>**

*Presence:* [0..1]

*Definition:* Specifies when the currency conversion could start.

*Datatype:* "ISODateTime" on page 2364

**19.1.10.3.6.16.13.2.8 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2364

**19.1.10.3.6.16.13.2.9 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2049
	NumericCode <NmrcCd>	[0..1]	Text		2049
	Decimal <Dcml>	[0..1]	Quantity		2049
	Name <Nm>	[0..1]	Text		2049

#### 19.1.10.3.6.16.13.2.9.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.3.6.16.13.2.9.2 NumericCode <NmrcCd>

*Presence:* [0..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.3.6.16.13.2.9.3 Decimal <Dcml>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.3.6.16.13.2.9.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.16.13.2.10 ApplicableBinRange <AplblBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2050
	HigherBin <HghrBin>	[1..1]	Text		2050

**19.1.10.3.6.16.13.2.10.1 LowerBin <LwrBin>**

*Presence:* [1..1]

*Definition:* Lower value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.3.6.16.13.2.10.2 HigherBin <HghrBin>**

*Presence:* [1..1]

*Definition:* Higher value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

**19.1.10.3.6.16.13.2.11 OriginalAmount <OrgnlAmt>**

*Presence:* [0..1]

*Definition:* Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2050
	MinimumAmount <MinAmt>	[0..1]	Amount		2050
	MaximumAmount <MaxAmt>	[0..1]	Amount		2050

**19.1.10.3.6.16.13.2.11.1 ActualAmount <ActlAmt>**

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.3.6.16.13.2.11.2 MinimumAmount <MinAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

**19.1.10.3.6.16.13.2.11.3 MaximumAmount <MaxAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.13.2.12 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051

##### 19.1.10.3.6.16.13.2.12.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 19.1.10.3.6.16.13.2.12.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.6.16.13.2.13 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2051
	AdditionalInformation <AddtlInf>	[0..1]	Text		2051

##### 19.1.10.3.6.16.13.2.13.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2367

##### 19.1.10.3.6.16.13.2.13.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.6.16.13.2.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclRtnDtIs>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.3.6.16.14 Instalment <Instlmt>

*Presence:* [0..\*]

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

**Instalment <Instlmt>** contains the following elements (see "Instalment7" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1930
	PlanIdentification <PlanId>	[0..1]	Text		1931
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1931
	SequenceNumber <SeqNb>	[0..1]	Quantity		1931
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1931
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1932
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1932
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1932
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	1932
	FirstAmount <FrstAmt>	[0..1]	Amount		1932
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1932
	LastAmount <LastAmt>	[0..1]	Amount		1933
	Charges <Chrgs>	[0..1]	Amount		1933
	DetailedCharges <DtldChrgs>	[0..*]	±		1933
	InterestRate <IntrstRate>	[0..*]			1933
	Type <Tp>	[0..1]	CodeSet		1933
	OtherType <OthrTp>	[0..1]	Text		1934
	Period <Prd>	[1..1]	CodeSet		1934
	Rate <Rate>	[1..1]	Rate		1934
	GracePeriod <GracePrd>	[0..*]	±		1934
	PlanNotice <PlanNtce>	[0..*]	±		1934

#### 19.1.10.3.6.16.15 Recurring <Rcrng>

*Presence:* [0..1]

*Definition:* Data related to a recurring transaction.

**Recurring <Rcrng>** contains the following elements (see "[RecurringTransaction7](#)" on page 2087 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

#### 19.1.10.3.6.16.16 AggregationTransaction <AggtnTx>

*Presence:* [0..1]

*Definition:* Payment transaction with an aggregated amount.

**AggregationTransaction <AggtnTx>** contains the following elements (see "[AggregationTransaction3](#)" on page 2178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2180
	Label <Lab>	[0..1]	Text		2181

#### 19.1.10.3.6.16.17 ProductCodeSetIdentification <PdctCdSetId>

*Presence:* [0..1]

*Definition:* Codification used to identify the products.

*Datatype:* "[Max10Text](#)" on page 2369

#### 19.1.10.3.6.16.18 SaleItem <Saleitm>

*Presence:* [0..\*]

*Definition:* Item purchased with the transaction.

**SaleItem <SaleItm>** contains the following elements (see "Product6" on page 2195 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2199
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 19.1.10.3.6.16.19 DeliveryLocation <DlvryLctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.6.16.20 ReSubmissionCounter <ReSubmissnCnt>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.3.6.16.21 CompletionSequenceNumber <CmpltnSeqNb>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.3.6.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

*Presence:* [0..1]

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

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.3.6.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.6.16.24 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2056
	Value <Val>	[0..1]	Binary		2056
	ProtectedValue <PrctcdVal>	[0..1]	±		2056
	Type <Tp>	[0..1]	Text		2057

##### 19.1.10.3.6.16.24.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2368

##### 19.1.10.3.6.16.24.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2292

##### 19.1.10.3.6.16.24.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.10.3.6.16.24.4 Type <Tp>

*Presence:* [0..1]

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

*Datatype:* "[Max1025Text](#)" on page 2368

#### 19.1.10.3.6.16.25 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application.

*Datatype:* "[Max10000Binary](#)" on page 2292

#### 19.1.10.3.6.17 AuthorisationResult <AuthstnRslt>

*Presence:* [0..1]

*Definition:* Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2057
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2058
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2059

#### 19.1.10.3.6.17.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

#### 19.1.10.3.6.17.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2058
	ResponseReason <RspnRsn>	[0..1]	Text		2058
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2059

#### 19.1.10.3.6.17.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "[Response9Code](#)" on page 2344

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).

#### 19.1.10.3.6.17.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.3.6.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.3.6.17.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 19.1.10.3.6.18 MerchantReferenceData <MrchntRefData>

*Presence:* [0..1]

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

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.6.19 CustomerOrder <CstmrOrdr>

*Presence:* [0..1]

*Definition:* Customer Order processing data.

**CustomerOrder <CstmrOrdr>** contains the following elements (see "CustomerOrder1" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 19.1.10.3.6.20 CustomerToken <CstmrTkn>

*Presence:* [0..1]

*Definition:* Customer payment token information.

**CustomerToken <CstmrTkn>** contains the following elements (see "[CardPaymentToken5](#)" on page 2287 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrId>	[1..1]	Text		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		2289

#### 19.1.10.3.6.21 CustomerConsent <CstmrCnsnt>

*Presence:* [0..1]

*Definition:* Indicates if the customer has explicitly validated a choice.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2366):

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

#### 19.1.10.3.6.22 CardProgrammeProposed <CardPrgrmmPropsd>

*Presence:* [0..\*]

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

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.3.6.23 CardProgrammeApplied <CardPrgrmmAppld>

*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 2371

#### 19.1.10.3.6.24 SaleToPOIData <SaleToPOIData>

*Presence:* [0..1]

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

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.6.25 SaleToAcquirerData <SaleToAcqrrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Acquirer.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.6.26 SaleToIssuerData <SaleToIssrData>

*Presence:* [0..1]

*Definition:* Sale information intended for the Issuer.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.6.27 AdditionalTransactionData <AddtlTxData>

*Presence:* [0..\*]

*Definition:* Additional information related to the transaction.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.6.28 MessageFromMerchant <MsgFrMrchnt>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2061
	MessageToPresent <MsgToPres>	[0..1]	±		2062
	RemoteAccess <RmotAccs>	[0..1]	±		2063
	Retry <Rtry>	[0..1]	±		2063
	TimeCondition <TmCond>	[0..1]	±		2064

#### 19.1.10.3.6.28.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.

CodeName	Name	Definition
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

#### 19.1.10.3.6.28.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.3.6.28.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.10.3.6.28.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 19.1.10.3.6.28.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 19.1.10.3.7 TransactionResponse <TxRspn>

*Presence:* [0..1]

*Definition:* Result of the transaction processing.

**TransactionResponse <TxRspn>** contains the following **CardPaymentTransaction152** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			2067
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069
	AllowedProductCode <AllwdPdctCd>	[0..*]			2069
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2070
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071
	Balance <Bal>	[0..1]	±		2073
	ProtectedBalance <PrctcdBal>	[0..1]	±		2073
	Action <Actn>	[0..*]			2074
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		2077
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			2077
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <AplblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2083

#### 19.1.10.3.7.1 AuthorisationResult <AuthstnRslt>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2067
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2068
	Response <Rspn>	[1..1]	CodeSet		2068
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2068
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2068
	TMSTrigger <TMSTrggr>	[0..1]			2069
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069

#### 19.1.10.3.7.1.1 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Type of party that has delivered or declined the card payment authorisation (the party is not identified).

**AuthorisationEntity <AuthstnNtty>** contains the following elements (see "[GenericIdentification90](#)" on page 1938 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1938
	Type <Tp>	[1..1]	CodeSet		1938
	Issuer <Issr>	[0..1]	CodeSet		1938
	Country <Ctry>	[0..1]	Text		1939
	ShortName <ShrtNm>	[0..1]	Text		1939

### 19.1.10.3.7.1.2 ResponseToAuthorisation <RspnToAuthstn>

*Presence:* [1..1]

*Definition:* Response to an authorisation request.

**ResponseToAuthorisation <RspnToAuthstn>** contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2068
	ResponseReason <RspnRsn>	[0..1]	Text		2068
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2068

#### 19.1.10.3.7.1.2.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the transaction.

*Datatype:* "Response9Code" on page 2344

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).

#### 19.1.10.3.7.1.2.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detailed result of the transaction.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.7.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information on the response for further examination.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.3.7.1.3 AuthorisationCode <AuthstnCd>

*Presence:* [0..1]

*Definition:* Value assigned by the authorising party.

*Datatype:* "Max8Text" on page 2374

#### 19.1.10.3.7.1.4 CompletionRequired <CmpltnReqrd>

*Presence:* [0..1]

*Definition:* Indicates whether the acquirer requires a further exchange completion after the completion of the transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2366):

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

#### 19.1.10.3.7.1.5 TMSTrigger <TMSTrggr>

*Presence:* [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2069
	TMSIdentification <TMSId>	[0..1]	Text		2069
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2069

#### 19.1.10.3.7.1.5.1 TMSContactLevel <TMSCtctLvl>

*Presence:* [1..1]

*Definition:* Level of urgency in contacting the maintenance.

*Datatype:* ["TMSContactLevel1Code"](#) on page 2359

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.

#### 19.1.10.3.7.1.5.2 TMSIdentification <TMSId>

*Presence:* [0..1]

*Definition:* Identification of the host to contact for the maintenance.

*Datatype:* ["Max35Text"](#) on page 2371

#### 19.1.10.3.7.1.5.3 TMSContactDateTime <TMSCtctDtTm>

*Presence:* [0..1]

*Definition:* Date and time for calling the maintenance.

*Datatype:* ["ISODatetime"](#) on page 2364

#### 19.1.10.3.7.2 AllowedProductCode <AllwdPdctCd>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070

#### 19.1.10.3.7.2.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.2.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.3 NotAllowedProductCode <NotAllwdPdctCd>

*Presence:* [0..\*]

*Definition:* Product code not allowed by the payment card.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2070
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2070

#### 19.1.10.3.7.3.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.3.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.4 AdditionalAvailableProduct <AddtlAvlblPdct>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2071
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2071
	AmountLimit <AmtLmt>	[0..1]	Amount		2071
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2071
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2071

#### 19.1.10.3.7.4.1 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.4.2 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.3.7.4.3 AmountLimit <AmtLmt>

*Presence:* [0..1]

*Definition:* Amount limit for the product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.7.4.4 QuantityLimit <QtyLmt>

*Presence:* [0..1]

*Definition:* Quantity limit for the product.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.3.7.4.5 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure6Code" on page 2361

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.

#### 19.1.10.3.7.5 Balance <Bal>

*Presence:* [0..1]

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

**Balance <Bal>** contains the following elements (see "[AmountAndDirection93](#)" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1925
	Currency <Ccy>	[1..1]	CodeSet	C1	1925
	Sign <Sgn>	[0..1]	Indicator		1926

#### 19.1.10.3.7.6 ProtectedBalance <PrctcdBal>

*Presence:* [0..1]

*Definition:* Encrypted balance of the account.

**ProtectedBalance <PrctcdBal>** contains the following elements (see "[ContentInformationType40](#)" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

### 19.1.10.3.7.7 Action <Actn>

*Presence:* [0..\*]

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

**Action <Actn>** contains the following **Action18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2074
	MessageToPresent <MsgToPres>	[0..1]	±		2075
	RemoteAccess <RmotAccs>	[0..1]	±		2076
	Retry <Rtry>	[0..1]	±		2076
	TimeCondition <TmCond>	[0..1]	±		2077

#### 19.1.10.3.7.7.1 ActionType <ActnTp>

*Presence:* [1..1]

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

*Datatype:* "ActionType15Code" on page 2294

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.

#### 19.1.10.3.7.2 MessageToPresent <MsgToPres>

*Presence:* [0..1]

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

**MessageToPresent <MsgToPres>** contains the following elements (see "[ActionMessage12](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.3.7.7.3 RemoteAccess <RmotAccs>

*Presence:* [0..1]

*Definition:* Access information to reach the target host.

**RemoteAccess <RmotAccs>** contains the following elements (see "[NetworkParameters7](#)" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.10.3.7.7.4 Retry <Rtry>

*Presence:* [0..1]

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

**Retry <Rtry>** contains the following elements (see "[ProcessRetry3](#)" on page 2284 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 19.1.10.3.7.5 TimeCondition <TmCond>

*Presence:* [0..1]

*Definition:* Timing condition for periodic exchanges.

**TimeCondition <TmCond>** contains the following elements (see "[ProcessTiming6](#)" on page 2285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 19.1.10.3.7.8 CurrencyConversionEligibility <CcyConvslgblty>

*Presence:* [0..1]

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

**CurrencyConversionEligibility <CcyConvslElgblty>** contains the following **CurrencyConversion34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2079
	TargetCurrency <TrgtCcy>	[1..1]			2079
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080
	ResultingAmount <RsltAmt>	[0..1]	Amount		2080
	ExchangeRate <XchgRate>	[1..1]	Rate		2080
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2080
	QuotationDate <QtnDt>	[0..1]	DateTime		2080
	ValidFrom <VldFr>	[0..1]	DateTime		2080
	ValidUntil <VldUntil>	[0..1]	DateTime		2080
	SourceCurrency <SrcCcy>	[1..1]			2080
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081
	ApplicableBinRange <AplblBinRg>	[0..*]			2081
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082
	OriginalAmount <OrgnlAmt>	[0..1]			2082
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082
	CommissionDetails <ComssnDtls>	[0..*]			2083
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083
	MarkUpDetails <MrkUpDtls>	[0..*]			2083
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2083

#### 19.1.10.3.7.8.1 CurrencyConversionIdentification <CcyConvslId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.7.8.2 TargetCurrency <TrgtCcy>

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2079
	NumericCode <NmrcCd>	[1..1]	Text		2079
	Decimal <Dcml>	[1..1]	Quantity		2079
	Name <Nm>	[0..1]	Text		2080

##### 19.1.10.3.7.8.2.1 AlphaCode <AlphaCd>

*Presence:* [1..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

#### Constraints

- **ActiveCurrency**

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

##### 19.1.10.3.7.8.2.2 NumericCode <NmrcCd>

*Presence:* [1..1]

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

*Datatype:* "Exact3NumericText" on page 2368

##### 19.1.10.3.7.8.2.3 Decimal <Dcml>

*Presence:* [1..1]

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

*Datatype:* "Number" on page 2366

#### **19.1.10.3.7.8.2.4 Name <Nm>**

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.3.7.8.3 ResultingAmount <RsltgAmt>**

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.3.7.8.4 ExchangeRate <XchgRate>**

*Presence:* [1..1]

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

*Datatype:* "PercentageRate" on page 2367

#### **19.1.10.3.7.8.5 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 2367

#### **19.1.10.3.7.8.6 QuotationDate <QtnDt>**

*Presence:* [0..1]

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

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.7.8.7 ValidFrom <VldFr>**

*Presence:* [0..1]

*Definition:* Specifies when the currency conversion could start.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.7.8.8 ValidUntil <VldUntil>**

*Presence:* [0..1]

*Definition:* Validity limit of the exchange rate.

*Datatype:* "ISODateTime" on page 2364

#### **19.1.10.3.7.8.9 SourceCurrency <SrcCcy>**

*Presence:* [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2081
	NumericCode <NmrcCd>	[0..1]	Text		2081
	Decimal <Dcml>	[0..1]	Quantity		2081
	Name <Nm>	[0..1]	Text		2081

#### 19.1.10.3.7.8.9.1 AlphaCode <AlphaCd>

*Presence:* [0..1]

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

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.3.7.8.9.2 NumericCode <NmrcCd>

*Presence:* [0..1]

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

*Datatype:* "Exact3NumericText" on page 2368

#### 19.1.10.3.7.8.9.3 Decimal <Dcml>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 2366

#### 19.1.10.3.7.8.9.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Full name of the currency.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.3.7.8.10 ApplicableBinRange <AplBlBinRg>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2082
	HigherBin <HghrBin>	[1..1]	Text		2082

#### 19.1.10.3.7.8.10.1 LowerBin <LwrBin>

*Presence:* [1..1]

*Definition:* Lower value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

#### 19.1.10.3.7.8.10.2 HigherBin <HghrBin>

*Presence:* [1..1]

*Definition:* Higher value of BIN in the range.

*Datatype:* "Max15NumericText" on page 2369

#### 19.1.10.3.7.8.11 OriginalAmount <OrgnlAmt>

*Presence:* [0..1]

*Definition:* Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2082
	MinimumAmount <MinAmt>	[0..1]	Amount		2082
	MaximumAmount <MaxAmt>	[0..1]	Amount		2082

#### 19.1.10.3.7.8.11.1 ActualAmount <ActlAmt>

*Presence:* [0..1]

*Definition:* Actual amount to be converted.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.7.8.11.2 MinimumAmount <MinAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.7.8.11.3 MaximumAmount <MaxAmt>

*Presence:* [0..1]

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

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.3.7.8.12 CommissionDetails <ComssnDtls>

*Presence:* [0..\*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083

##### 19.1.10.3.7.8.12.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Commission expressed as an amount of money.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

##### 19.1.10.3.7.8.12.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of commission.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.7.8.13 MarkupDetails <MrkUpDtls>

*Presence:* [0..\*]

*Definition:* Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2083
	AdditionalInformation <AddtlInf>	[0..1]	Text		2083

##### 19.1.10.3.7.8.13.1 Rate <Rate>

*Presence:* [1..1]

*Definition:* Commission expressed as a percentage.

*Datatype:* "PercentageRate" on page 2367

##### 19.1.10.3.7.8.13.2 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the type of markup.

*Datatype:* "Max350Text" on page 2371

#### 19.1.10.3.7.8.14 DeclarationDetails <DclrtnDtls>

*Presence:* [0..\*]

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

**DeclarationDetails <DclRtnDtIs>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.3.8 CustomerOrder <CstmrOrdR>

*Presence:* [0..\*]

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

**CustomerOrder <CstmrOrd>** contains the following elements (see "[CustomerOrder1](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 19.1.10.3.9 ImageCapturedSignature <ImgCaptrdSgntr>

*Presence:* [0..1]

*Definition:* Numeric value of a handwritten signature.

**ImageCapturedSignature <ImgCaptrdSgntr>** contains the following **CapturedSignature1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		2085
	ImageData <ImgData>	[0..1]	Binary		2085
	ImageReference <ImgRef>	[0..1]	Text		2086
	AdditionalInformation <AddtlInf>	[0..1]	Text		2086

##### 19.1.10.3.9.1 ImageFormat <ImgFrmt>

*Presence:* [1..1]

*Definition:* Format of the image.

*Datatype:* "[Max35Text](#)" on page 2371

##### 19.1.10.3.9.2 ImageData <ImgData>

*Presence:* [0..1]

*Definition:* Data of the image.

*Datatype:* "[Max2MBBinary](#)" on page 2293

#### 19.1.10.3.9.3 ImageReference <ImgRef>

*Presence:* [0..1]

*Definition:* URL or name of the image.

*Datatype:* ["Max500Text" on page 2373](#)

#### 19.1.10.3.9.4 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information for the image.

*Datatype:* ["Max140Text" on page 2369](#)

#### 19.1.10.3.10 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

*Presence:* [0..1]

*Definition:* Protected value of a handwritten signature.

**ProtectedCapturedSignature <PrctcdCaptrdSgntr>** contains the following elements (see ["ContentInformationType40" on page 2280](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.3.11 MerchantOverrideFlag <MrchntOvrrdFlg>

*Presence:* [0..1]

*Definition:* Indicate that the Merchant forced the result of the payment to successful.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 2366](#)):

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

#### 19.1.10.3.12 CustomerLanguage <CstmrLang>

*Presence:* [0..1]

*Definition:* Language used to display messages to the customer.

*Impacted by:* [C12 "ValidationByTable"](#)

*Datatype:* ["LanguageCode" on page 2330](#)

##### Constraints

- **ValidationByTable**  
Must be a valid terrestrial language.

#### 19.1.10.3.13 OnlineFlag <OnlnFlg>

*Presence:* [0..1]

*Definition:* Indicate that the payment transaction processing has required the approval of an acquirer.

*Usage:* When absent, default value is False.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2366):

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

#### 19.1.10.4 RecurringTransaction7

*Definition:* Element related to recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2087
	SequenceNumber <SeqNb>	[0..1]	Quantity		2087
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2087
	GracePeriod <GracePrd>	[0..*]	±		2088
	PlanNotice <PlanNtce>	[0..*]	±		2088

##### 19.1.10.4.1 PlanIdentification <PlanId>

*Presence:* [0..1]

*Definition:* Identification of the recurring plan.

*Datatype:* ["Max35Text"](#) on page 2371

##### 19.1.10.4.2 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Indicates the recurring occurrence of the transaction (1 = 1st recurring, 2 = 2nd recurring, etc.).

*Datatype:* ["Number"](#) on page 2366

##### 19.1.10.4.3 PeriodUnit <PrdUnit>

*Presence:* [0..1]

*Definition:* Period unit between consecutive payments (for example day, month, year).

*Datatype:* ["Frequency3Code"](#) on page 2325

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.

CodeName	Name	Definition
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

#### 19.1.10.4.4 GracePeriod <GracePrd>

*Presence:* [0..\*]

*Definition:* Contains grace period details.

**GracePeriod <GracePrd>** contains the following elements (see "[GracePeriod1](#)" on page 1928 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1928
	UnitType <UnitTp>	[1..1]	CodeSet		1928
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1929

#### 19.1.10.4.5 PlanNotice <PlanNtce>

*Presence:* [0..\*]

*Definition:* Notice related to the RecurringPlan.

**PlanNotice <PlanNtce>** contains the following elements (see "ActionMessage12" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

### 19.1.10.5 ActionMessage12

*Definition:* Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2090
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2090
	Format <Frmt>	[0..1]	CodeSet		2091
	MessageContent <MsgCntt>	[0..1]	Text		2092
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2092
	OutputBarcode <OutptBrcd>	[0..1]			2092
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2094
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2094
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2094

#### 19.1.10.5.1 MessageDestination <MsgDstn>

*Presence:* [1..1]

*Definition:* Destination of the message.

*Datatype:* "UserInterface9Code" on page 2363

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.
CSTM	CustomerStatement	Cardholder bank statement.

#### 19.1.10.5.2 InformationQualifier <InfQlfr>

*Presence:* [0..1]

*Definition:* Qualification of the information to sent to an output logical device.

*Datatype:* "InformationQualify1Code" on page 2326

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.

#### 19.1.10.5.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Message format.

*Datatype:* "OutputFormat3Code" on page 2334

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.
TEXT	SimpleText	Text without format attributes.

CodeName	Name	Definition
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

#### 19.1.10.5.4 MessageContent <MsgCntt>

*Presence:* [0..1]

*Definition:* Content or reference of the message.

*Datatype:* "Max20000Text" on page 2370

#### 19.1.10.5.5 MessageContentSignature <MsgCnttSgntr>

*Presence:* [0..1]

*Definition:* Digital signature of the message.

**MessageContentSignature <MsgCnttSgntr>** contains the following elements (see "ContentInformationType38" on page 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

#### 19.1.10.5.6 OutputBarcode <OutptBrcd>

*Presence:* [0..1]

*Definition:* Content of message displayed or printed as Barcode.

**OutputBarcode <OutptBrcd>** contains the following **OutputBarcode2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2092
	BarcodeValue <BrcdVal>	[0..1]	Text		2093
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2093
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2093
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2093
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2094

##### 19.1.10.5.6.1 BarcodeType <BrcdTp>

*Presence:* [1..1]

*Definition:* Type of Barcode coding.

*Datatype:* "BarcodeType1Code" on page 2309

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.

#### 19.1.10.5.6.2 BarcodeValue <BrCdVal>

*Presence:* [0..1]

*Definition:* Value with a Barcode coding.

*Datatype:* "Max8000Text" on page 2374

#### 19.1.10.5.6.3 QRCodeBinaryValue <QRCDBinryVal>

*Presence:* [0..1]

*Definition:* Use for binary and Kanji Quick Response Code.

*Datatype:* "Max3000Binary" on page 2293

#### 19.1.10.5.6.4 QRCodeVersion <QRCDVrsn>

*Presence:* [0..1]

*Definition:* Version of the Quick Response Code.

*Datatype:* "Max16Text" on page 2369

#### 19.1.10.5.6.5 QRCodeEncodingMode <QRCDNcodgMd>

*Presence:* [0..1]

*Definition:* Encoding Mode of Quick Response Code.

*Datatype:* "QRCodeEncodingMode1Code" on page 2342

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.

#### 19.1.10.5.6.6 QRCodeErrorCorrection <QRCDerrCrrctn>

*Presence:* [0..1]

*Definition:* Error Correction mode of Quick Response Code.

*Datatype:* "QRCodeErrorCorrection1Code" on page 2342

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%

#### 19.1.10.5.7 ResponseRequiredFlag <RspnReqrdFlg>

*Presence:* [0..1]

*Definition:* Flag to request a message response.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.5.8 MinimumDisplayTime <MinDispTm>

*Presence:* [0..1]

*Definition:* Number of seconds the message has to be displayed.

*Datatype:* "Number" on page 2366

#### 19.1.10.6 PointOfInteractionComponent18

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106
	AccessCode <AccsCd>	[0..1]	Binary		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 19.1.10.6.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of component belonging to a POI (Point Of Interaction) Terminal.

*Datatype:* "POIComponentType7Code" on page 2340

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.

#### 19.1.10.6.2 SubTypeInformation <SubTpInf>

*Presence:* [0..1]

*Definition:* Additional information regarding the type of the component.

*Datatype:* "Max70Text" on page 2373

### 19.1.10.6.3 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) component.

**Identification <Id>** contains the following **PointOfInteractionComponentIdentification2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrINb>	[0..1]	Text		2098

#### 19.1.10.6.3.1 ItemNumber <ItmNb>

*Presence:* [0..1]

*Definition:* Hierarchical identification of a hardware component inside all the hardware component of the POI. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.3.2 ProviderIdentification <PrvdrId>

*Presence:* [0..1]

*Definition:* Identifies the provider of the software, hardware or parameters of the POI component.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.3.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the POI component assigned by its provider.

*Datatype:* "Max256Text" on page 2370

#### 19.1.10.6.3.4 SerialNumber <SrINb>

*Presence:* [0..1]

*Definition:* Serial number identifying an occurrence of an hardware component.

*Datatype:* "Max256Text" on page 2370

#### 19.1.10.6.4 Status <Sts>

*Presence:* [0..1]

*Definition:* Status of the POI (Point Of Interaction) component.

**Status <Sts>** contains the following **PointOfInteractionComponentStatus3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099

#### 19.1.10.6.4.1 VersionNumber <VrsnNb>

*Presence:* [0..1]

*Definition:* Current version of the component that might include the release number.

*Datatype:* "Max256Text" on page 2370

#### 19.1.10.6.4.2 Status <Sts>

*Presence:* [0..1]

*Definition:* Current status of the component.

*Datatype:* "POIComponentStatus1Code" on page 2339

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.

#### 19.1.10.6.4.3 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiration date of the component.

*Datatype:* "ISODate" on page 2364

#### 19.1.10.6.5 StandardCompliance <StdCmplc>

*Presence:* [0..\*]

*Definition:* Identification of the standard for which the component complies with.

**StandardCompliance <StdCmplc>** contains the following **GenericIdentification48** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100

#### 19.1.10.6.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Proprietary information, often a code, issued by the data source scheme issuer.

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*Datatype:* "Max35Text" on page 2371

#### **19.1.10.6.5.2 Version <Vrsn>**

*Presence:* [1..1]

*Definition:* Version of the identification.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.6.5.3 Issuer <Issr>**

*Presence:* [1..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.6.6 Characteristics <Chrtcs>**

*Presence:* [0..1]

*Definition:* Characteristics of a POI (Point Of Interaction) component.

**Characteristics <Chrtcs>** contains the following **PointOfInteractionComponentCharacteristics11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107

#### 19.1.10.6.6.1 Memory <Mmry>

*Presence:* [0..\*]

*Definition:* Memory characteristics of the component.

**Memory <Mmry>** contains the following **MemoryCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102

#### 19.1.10.6.6.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification or name of the memory.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.6.1.2 TotalSize <TtISz>

*Presence:* [1..1]

*Definition:* Total size of the memory unit.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.6.6.1.3 FreeSize <FreeSz>

*Presence:* [1..1]

*Definition:* Total size of the available memory.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.6.6.1.4 Unit <Unit>

*Presence:* [1..1]

*Definition:* Memory unit of the sizes.

*Datatype:* "MemoryUnit1Code" on page 2332

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.

#### 19.1.10.6.6.2 Communication <Com>

*Presence:* [0..\*]

*Definition:* Low level communication of the hardware or software component toward another component or an external entity.

**Communication <Com>** contains the following **CommunicationCharacteristics5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106

#### 19.1.10.6.6.2.1 CommunicationType <ComTp>

*Presence:* [1..1]

*Definition:* Type of low level communication.

*Datatype:* "POICommunicationType2Code" on page 2339

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.

#### 19.1.10.6.6.2.2 RemoteParty <RmotPty>

*Presence:* [1..\*]

*Definition:* Entity that communicate with the current component, using this communication device.

*Datatype:* "PartyType7Code" on page 2337

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.

#### 19.1.10.6.6.2.3 Active <Activ>

*Presence:* [1..1]

*Definition:* Communication hardware is activated.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.6.6.2.4 Parameters <Params>

*Presence:* [0..1]

*Definition:* Network parameters of the communication link.

**Parameters <Params>** contains the following elements (see "[NetworkParameters7](#)" on page 2208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.10.6.6.2.5 PhysicalInterface <PhysIntrfc>

*Presence:* [0..1]

*Definition:* Physical Interface used by the communication link.

**PhysicalInterface <PhysIntrfc>** contains the following **PhysicalInterfaceParameter1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106

##### 19.1.10.6.6.2.5.1 InterfaceName <IntrfcNm>

*Presence:* [1..1]

*Definition:* Identification of the interface.

*Datatype:* "[Max35Text](#)" on page 2371

##### 19.1.10.6.6.2.5.2 InterfaceType <IntrfcTp>

*Presence:* [0..1]

*Definition:* Identification of the physical link layer.

*Datatype:* "[POICommunicationType2Code](#)" on page 2339

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.

CodeName	Name	Definition
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

#### 19.1.10.6.6.2.5.3 UserName <UsrNm>

*Presence:* [0..1]

*Definition:* Optional user name to provide to use this interface.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.6.2.5.4 AccessCode <AccsCd>

*Presence:* [0..1]

*Definition:* Optional access code to provide to use this interface.

*Datatype:* "Max35Binary" on page 2293

#### 19.1.10.6.6.2.5.5 SecurityProfile <SctyPrfl>

*Presence:* [0..1]

*Definition:* Identification of the optional security profile to use with this interface.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.6.2.5.6 AdditionalParameters <AddtlParams>

*Presence:* [0..1]

*Definition:* Any other parameters relevant for this interface.

*Datatype:* "Max2KBinary" on page 2293

#### **19.1.10.6.6.3 SecurityAccessModules <SctyAccsMdls>**

*Presence:* [0..1]

*Definition:* Number of security access modules (SAM).

*Datatype:* "Number" on page 2366

#### **19.1.10.6.6.4 SubscriberIdentityModules <SbcbrldntyMdls>**

*Presence:* [0..1]

*Definition:* Number of subscriber identity modules (SIM).

*Datatype:* "Number" on page 2366

#### **19.1.10.6.6.5 SecurityElement <SctyElmt>**

*Presence:* [0..\*]

*Definition:* Security characteristics of the component.

**SecurityElement <SctyElmt>** contains the following elements (see "CryptographicKey19" on page 2241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2242
	KeyIdentification <KeyId>	[0..1]	Text		2242
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2243
	Name <Nm>	[0..1]	Text		2243
	SecurityProfile <SctyPrfl>	[0..1]	Text		2243
	ItemNumber <ItmNb>	[0..1]	Text		2243
	SequenceNumber <SeqNb>	[0..1]	Quantity		2243
	Version <Vrsn>	[0..1]	Text		2243
	KeyVersion <KeyVrsn>	[0..1]	Text		2243
	Type <Tp>	[0..1]	CodeSet		2244
	Function <Fctn>	[0..*]	CodeSet		2245
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2245
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2245
	KeyValue <KeyVal>	[0..1]	±		2246
	ComponentWithAuthorisedAccess <CmpntWithAuthrsdAccs>	[0..*]			2246
	Identification <Id>	[1..1]	Text		2246
	Type <Tp>	[1..1]	CodeSet		2246
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWithAuthrsdAccs>	[0..*]	±		2247
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2247
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2247
	Name <Nm>	[1..1]	Text		2247
	Value <Val>	[0..1]	Text		2248
	DerivationAlgorithmIdentifier <DerivtnAlgoldr>	[0..1]	Text		2248
	AlgorithmIdentifier <Algoldr>	[0..1]	Text		2248

#### 19.1.10.6.7 Assessment <Assmnt>

*Presence:* [0..\*]

*Definition:* Assessments for the component of the point of interaction.

**Assessment <Assmnt>** contains the following **PointOfInteractionComponentAssessment1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109

#### 19.1.10.6.7.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of assessment of the component.

*Datatype:* "POIComponentAssessment1Code" on page 2339

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.

#### 19.1.10.6.7.2 Assigner <Assgnr>

*Presence:* [1..\*]

*Definition:* Body which has delivered the assessment.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.6.7.3 DeliveryDate <DlvryDt>

*Presence:* [0..1]

*Definition:* Date when the assessment has been delivered.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.10.6.7.4 ExpirationDate <XprtnDt>

*Presence:* [0..1]

*Definition:* Date when the assessment will expire.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.10.6.7.5 Number <Nb>

*Presence:* [1..1]

*Definition:* Unique assessment number for the component.

*Datatype:* "Max35Text" on page 2371

### 19.1.10.6.8 Package <Packg>

*Presence:* [0..\*]

*Definition:* Chunk of a software package.

**Package <Packg>** contains the following **PackageType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Packageldentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112

#### 19.1.10.6.8.1 Packageldentification <PackgId>

*Presence:* [0..1]

*Definition:* Identification of the software packages of which the chunk belongs.

**Packageldentification <PackgId>** contains the following elements (see "[GenericIdentification176](#)" on page 1936 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1936
	Type <Tp>	[0..1]	CodeSet		1936
	Issuer <Issr>	[0..1]	CodeSet		1937
	Country <Ctry>	[0..1]	Text		1937
	ShortName <ShrtNm>	[0..1]	Text		1937

#### 19.1.10.6.8.2 PackageLength <PackgLngh>

*Presence:* [0..1]

*Definition:* Full length of software package identified through Packageldentification.

*Datatype:* "[PositiveNumber](#)" on page 2367

#### 19.1.10.6.8.3 OffsetStart <OffsetStart>

*Presence:* [0..1]

*Definition:* Place of the first following PackageBlock, beginning with 0, in the full software package identified through Packageldentification.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.6.8.4 OffsetEnd <OffsetEnd>

*Presence:* [0..1]

*Definition:* Following place of the last following PackageBlock in the full software package identified through PackageIdentification.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.6.8.5 PackageBlock <PackgBlck>

*Presence:* [0..\*]

*Definition:* Consecutive slices of the full software package identified through PackageIdentification starting with first slice at the place identified with OffsetStart and ending with the last slice at the previous place identified with OffsetEnd.

**PackageBlock <PackgBlck>** contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112

##### 19.1.10.6.8.5.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2368

##### 19.1.10.6.8.5.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2292

##### 19.1.10.6.8.5.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.10.6.8.5.4 Type <Tp>

*Presence:* [0..1]

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

*Datatype:* "[Max1025Text](#)" on page 2368

#### 19.1.10.6.9 ProbeValue <PrbVal>

*Presence:* [0..1]

*Definition:* Provides the value recorded by this probe.

*Datatype:* "[Max35Binary](#)" on page 2293

#### 19.1.10.7 Vehicle2

*Definition:* Additional information related to a vehicle.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2112
	EntryMode <NtryMd>	[0..1]	CodeSet		2112
	Data <Data>	[1..1]	Text		2113

#### 19.1.10.7.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of information related to the vehicle.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.7.2 EntryMode <NtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the information.

*Datatype:* "[CardDataReading5Code](#)" on page 2311

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).

CodeName	Name	Definition
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

#### 19.1.10.7.3 Data <Data>

*Presence:* [1..1]

*Definition:* Information related to the vehicle.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8 CardPaymentEnvironment82

*Definition:* Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2119
	ServiceProvider <SvcPrvdr>	[0..1]	±		2120
	Merchant <Mrchnt>	[0..1]			2120
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123
	POI <POI>	[0..1]			2123
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <GrpId>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126
	Card <Card>	[0..1]			2128
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131
	Track2 <Trck2>	[0..1]	Text		2131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133
	Check <Chck>	[0..1]			2133
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136
	StoredValueAccount <StordValAcct>	[0..*]			2136
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137
	Brand <Brnd>	[0..1]	Text		2138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139
	LoyaltyAccount <LtyAcct>	[0..*]	±		2139
	CustomerDevice <CstmrDvc>	[0..1]	±		2140
	Wallet <Wlt>	[0..1]	±		2140
	PaymentToken <PmtTkn>	[0..1]	±		2140
	MerchantToken <MrchntTkn>	[0..1]	±		2141
	Cardholder <Crhldr>	[0..1]			2141
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BllgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrdhldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166
	Geolocation <Glctn>	[0..1]			2166

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2168
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2168
	SaleEnvironment <SaleEnv>	[0..1]			2169
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		2171

## Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

### 19.1.10.8.1 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Acquirer involved in the card payment.

**Acquirer <Acqrr>** contains the following elements (see "Acquirer10" on page 1807 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1807
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1808

### 19.1.10.8.2 ServiceProvider <SvcPrvdr>

*Presence:* [0..1]

*Definition:* Third party agent which provides services.

**ServiceProvider <SvcPrvdr>** contains the following elements (see "Acquirer10" on page 1807 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1807
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1808

### 19.1.10.8.3 Merchant <Mrchnt>

*Presence:* [0..1]

*Definition:* Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

**Merchant <Mrchnt>** contains the following **Organisation45** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2120
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122
	CommonName <CmonNm>	[0..1]	Text		2122
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2122
	LocationAndContact <LctnAndCtct>	[0..1]	±		2122
	SchemeData <SchmeData>	[0..1]	Text		2123

#### 19.1.10.8.3.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the merchant.

**Identification <Id>** contains the following **GenericIdentification192** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2121
	Type <Tp>	[0..1]	CodeSet		2121
	Issuer <Issr>	[0..1]	CodeSet		2121
	ShortName <ShrtNm>	[0..1]	Text		2122

#### 19.1.10.8.3.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.3.1.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType35Code" on page 2336

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

#### 19.1.10.8.3.1.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

*Datatype:* "PartyType4Code" on page 2336

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.

CodeName	Name	Definition
TAXH	TaxAuthority	Tax authority.

#### 19.1.10.8.3.1.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.3.2 CommonName <CmonNm>

*Presence:* [0..1]

*Definition:* Name of the merchant as appearing on the receipt.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.8.3.3 LocationCategory <LctnCtgy>

*Presence:* [0..1]

*Definition:* Location category of the place where the merchant actually performed the transaction.

*Datatype:* "LocationCategory4Code" on page 2330

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.

#### 19.1.10.8.3.4 LocationAndContact <LctnAndCtct>

*Presence:* [0..1]

*Definition:* Location and contact information of the merchant performing the transaction.

**LocationAndContact <LctnAndCtct>** contains the following elements (see "[CommunicationAddress9](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1922
	Email <Email>	[0..1]	Text		1922
	URLAddress <URLAdr>	[0..1]	Text		1923
	Phone <Phne>	[0..1]	Text		1923
	CustomerService <CstmrSvc>	[0..1]	Text		1923
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1923

#### 19.1.10.8.3.5 SchemeData <SchmeData>

*Presence:* [0..1]

*Definition:* Additional merchant data required by a card scheme.

*Datatype:* "[Max140Text](#)" on page 2369

#### 19.1.10.8.4 POI <POI>

*Presence:* [0..1]

*Definition:* Point of interaction (POI) performing the transaction.

**POI <POI>** contains the following **PointOfInteraction16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2123
	SystemName <SysNm>	[0..1]	Text		2124
	GroupIdentification <Grpld>	[0..1]	Text		2124
	Capabilities <Cpblties>	[0..1]	±		2124
	TimeZone <TmZone>	[0..1]	Text		2125
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2125
	Component <Cmpnt>	[0..*]	±		2126

##### 19.1.10.8.4.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the POI (Point Of Interaction) for the acquirer or its agent.

**Identification <Id>** contains the following elements (see "[GenericIdentification177](#)" on page 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 19.1.10.8.4.2 SystemName <SysNm>

*Presence:* [0..1]

*Definition:* Common name assigned by the acquirer to the POI (Point Of Interaction) system.

*Datatype:* "[Max70Text](#)" on page 2373

#### 19.1.10.8.4.3 GroupIdentification <GrpId>

*Presence:* [0..1]

*Definition:* Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.10.8.4.4 Capabilities <Cpblties>

*Presence:* [0..1]

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

**Capabilities <Cpblties>** contains the following elements (see "PointOfInteractionCapabilities11" on page 2171 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2172
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2173
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2173
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2173
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2174
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2174
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2174
	MessageCapabilities <MsgCpblties>	[0..*]			2174
	Destination <Dstn>	[1..*]	CodeSet		2174
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2175
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2175
	LineWidth <LineWidth>	[0..1]	Quantity		2175
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2175

#### 19.1.10.8.4.5 TimeZone <TmZone>

*Presence:* [0..1]

*Definition:* Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.8.4.6 TerminalIntegration <TermnlIntgtn>

*Presence:* [0..1]

*Definition:* Indicates the type of integration of the POI terminal in the sale environment.

*Datatype:* "LocationCategory3Code" on page 2330

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

CodeName	Name	Definition
VNDG	VendingMachine	Terminal integrated in a vending machine.

#### 19.1.10.8.4.7 Component <Cmpnt>

*Presence:* [0..\*]

*Definition:* Data related to a component of the POI (Point Of Interaction) performing the transaction.

**Component <Cmpnt>** contains the following elements (see "[PointOfInteractionComponent18](#)" on page 2094 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2096
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2097
	Identification <Id>	[1..1]			2098
	ItemNumber <ItmNb>	[0..1]	Text		2098
	ProviderIdentification <PrvdrId>	[0..1]	Text		2098
	Identification <Id>	[0..1]	Text		2098
	SerialNumber <SrlNb>	[0..1]	Text		2098
	Status <Sts>	[0..1]			2098
	VersionNumber <VrsnNb>	[0..1]	Text		2099
	Status <Sts>	[0..1]	CodeSet		2099
	ExpiryDate <XpryDt>	[0..1]	Date		2099
	StandardCompliance <StdCmplc>	[0..*]			2099
	Identification <Id>	[1..1]	Text		2099
	Version <Vrsn>	[1..1]	Text		2100
	Issuer <Issr>	[1..1]	Text		2100
	Characteristics <Chrtcs>	[0..1]			2100
	Memory <Mmry>	[0..*]			2101
	Identification <Id>	[1..1]	Text		2102
	TotalSize <TtlSz>	[1..1]	Quantity		2102
	FreeSize <FreeSz>	[1..1]	Quantity		2102
	Unit <Unit>	[1..1]	CodeSet		2102
	Communication <Com>	[0..*]			2102
	CommunicationType <ComTp>	[1..1]	CodeSet		2103
	RemoteParty <RmotPty>	[1..*]	CodeSet		2104
	Active <Actv>	[1..1]	Indicator		2104
	Parameters <Params>	[0..1]	±		2104
	PhysicalInterface <PhysIntrfc>	[0..1]			2105
	InterfaceName <IntrfcNm>	[1..1]	Text		2105
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2105
	UserName <UsrNm>	[0..1]	Text		2106

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2106
	SecurityProfile <SctyPrfl>	[0..1]	Text		2106
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2106
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2107
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2107
	SecurityElement <SctyElmt>	[0..*]	±		2107
	Assessment <Assmnt>	[0..*]			2108
	Type <Tp>	[1..1]	CodeSet		2109
	Assigner <Assgnr>	[1..*]	Text		2109
	DeliveryDate <DlvrDt>	[0..1]	DateTime		2109
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2109
	Number <Nb>	[1..1]	Text		2109
	Package <Packg>	[0..*]			2110
	PackageIdentification <PackgId>	[0..1]	±		2110
	PackageLength <PackgLngh>	[0..1]	Quantity		2110
	OffsetStart <OffsetStart>	[0..1]	Quantity		2110
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2111
	PackageBlock <PackgBlck>	[0..*]			2111
	Identification <Id>	[1..1]	Text		2111
	Value <Val>	[0..1]	Binary		2111
	ProtectedValue <PrctcdVal>	[0..1]	±		2111
	Type <Tp>	[0..1]	Text		2112
	ProbeValue <PrbVal>	[0..1]	Binary		2112

#### 19.1.10.8.5 Card <Card>

*Presence:* [0..1]

*Definition:* Payment card performing the transaction.

**Card <Card>** contains the following **PaymentCard35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2129
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2130
	PlainCardData <PlainCardData>	[0..1]			2130
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2131
	MaskedPAN <MskdPAN>	[0..1]	Text		2132
	IssuerBIN <IssrBIN>	[0..1]	Text		2132
	CardCountryCode <CardCtryCd>	[0..1]	Text		2132
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2132
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2132
	CardBrand <CardBrnd>	[0..1]	Text		2132
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2132
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2133
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2133
	AllowedProduct <AllwdPdct>	[0..*]	Text		2133
	ServiceOption <SvcOptn>	[0..1]	Text		2133
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2133

#### 19.1.10.8.5.1 ProtectedCardData <PrtctdCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

**ProtectedCardData <PrctcdCardData>** contains the following elements (see  
"ContentInformationType40" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.8.5.2 PrivateCardData <PrvtCardData>

*Presence:* [0..1]

*Definition:* Replacement of the message element PlainCardData by a private envelope.

*Datatype:* "Max100KBinary" on page 2292

#### 19.1.10.8.5.3 PlainCardData <PlainCardData>

*Presence:* [0..1]

*Definition:* Sensitive data associated with the card performing the transaction.

**PlainCardData <PlainCardData>** contains the following **PlainCardData22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		2130
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2130
	EffectiveDate <FctvDt>	[0..1]	Text		2130
	ExpiryDate <XpryDt>	[0..1]	Text		2131
	ServiceCode <SvcCd>	[0..1]	Text		2131
	Track1 <Trck1>	[0..1]	Text		2131
	Track2 <Trck2>	[0..1]	Text		2131
	Track3 <Trck3>	[0..1]	Text		2131
	CardholderName <CrdhldrNm>	[0..1]	Text		2131

##### 19.1.10.8.5.3.1 PAN <PAN>

*Presence:* [1..1]

*Definition:* Primary Account Number (PAN) of the card, or surrogate of the PAN by a payment token.

*Datatype:* "Min8Max28NumericText" on page 2375

##### 19.1.10.8.5.3.2 CardSequenceNumber <CardSeqNb>

*Presence:* [0..1]

*Definition:* Identify a card or a payment token inside a set of cards with the same PAN or token.

*Datatype:* "Min2Max3NumericText" on page 2374

##### 19.1.10.8.5.3.3 EffectiveDate <FctvDt>

*Presence:* [0..1]

*Definition:* Date from which the card can be used, expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

*Datatype:* "Max10Text" on page 2369

#### **19.1.10.8.5.3.4 ExpiryDate <XpryDt>**

*Presence:* [0..1]

*Definition:* Expiry date of the card or the payment token expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

*Datatype:* "Max10Text" on page 2369

#### **19.1.10.8.5.3.5 ServiceCode <SvcCd>**

*Presence:* [0..1]

*Definition:* Services attached to the card, as defined in ISO 7813.

*Datatype:* "Exact3NumericText" on page 2368

#### **19.1.10.8.5.3.6 Track1 <Trck1>**

*Presence:* [0..1]

*Definition:* ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max76Text" on page 2373

#### **19.1.10.8.5.3.7 Track2 <Trck2>**

*Presence:* [0..1]

*Definition:* ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max37Text" on page 2372

#### **19.1.10.8.5.3.8 Track3 <Trck3>**

*Presence:* [0..1]

*Definition:* ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max104Text" on page 2368

#### **19.1.10.8.5.3.9 CardholderName <CrdhldrNm>**

*Presence:* [0..1]

*Definition:* Name of the cardholder stored on the card.

*Datatype:* "Max45Text" on page 2372

#### **19.1.10.8.5.4 PaymentAccountReference <PmtAcctRef>**

*Presence:* [0..1]

*Definition:* Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

*Datatype:* "Max70Text" on page 2373

#### **19.1.10.8.5.5 MaskedPAN <MskdPAN>**

*Presence:* [0..1]

*Definition:* Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '\*'.  
*Datatype:* "Max30Text" on page 2371

#### **19.1.10.8.5.6 IssuerBIN <IssrBIN>**

*Presence:* [0..1]

*Definition:* Bank identifier number of the issuer for routing purpose.

*Datatype:* "Max15NumericText" on page 2369

#### **19.1.10.8.5.7 CardCountryCode <CardCtryCd>**

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "Max3Text" on page 2372

#### **19.1.10.8.5.8 CardCurrencyCode <CardCcyCd>**

*Presence:* [0..1]

*Definition:* Currency code of the card issuer (ISO 4217 numeric code).

*Datatype:* "Exact3AlphaNumericText" on page 2367

#### **19.1.10.8.5.9 CardProductProfile <CardPdctPrfl>**

*Presence:* [0..1]

*Definition:* Defines a category of cards related to the acceptance processing rules defined by the acquirer.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.8.5.10 CardBrand <CardBrnd>**

*Presence:* [0..1]

*Definition:* Brand name of the card.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.8.5.11 CardProductType <CardPdctTp>**

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "CardProductType1Code" on page 2317

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.

#### 19.1.10.8.5.12 CardProductSubType <CardPdctSubTp>

*Presence:* [0..1]

*Definition:* Additional information to identify CardProduct.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.5.13 InternationalCard <IntrnlCard>

*Presence:* [0..1]

*Definition:* True if the card may be used abroad.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.8.5.14 AllowedProduct <AllwdPdct>

*Presence:* [0..\*]

*Definition:* Product that can be purchased with the card.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.8.5.15 ServiceOption <SvcOptn>

*Presence:* [0..1]

*Definition:* Options to the service provided by the card.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.5.16 AdditionalCardData <AddtlCardData>

*Presence:* [0..1]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.8.6 Check <Chck>

*Presence:* [0..1]

*Definition:* Check Payment instrument.

**Check <Chck>** contains the following **Check1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BankIdentification <Bkld>	[0..1]	Text		2134
	AccountNumber <AcctNb>	[0..1]	Text		2134
	CheckNumber <ChckNb>	[0..1]	Text		2134
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2134
	CheckTrackData2 <ChckTrckData2>	[0..1]			2134
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135
	CheckType <ChckTp>	[0..1]	CodeSet		2135
	Country <Ctry>	[0..1]	Text		2136

#### 19.1.10.8.6.1 BankIdentification <Bkld>

*Presence:* [0..1]

*Definition:* Identification of the institution (bank) issuing the check.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.6.2 AccountNumber <AcctNb>

*Presence:* [0..1]

*Definition:* Identification of the account linked to the check.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.6.3 CheckNumber <ChckNb>

*Presence:* [0..1]

*Definition:* Identification of the check.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.6.4 CheckCardNumber <ChckCardNb>

*Presence:* [0..1]

*Definition:* Check guarantee card number.

The human readable number from the Check Guarantee Card that is presented during the check tendering process.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.6.5 CheckTrackData2 <ChckTrckData2>

*Presence:* [0..1]

*Definition:* Track Data of the check to digitally identify the data.

**CheckTrackData2 <ChckTrckData2>** contains the following **TrackData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackNumber <TrckNb>	[0..1]	Quantity		2135
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2135
	TrackValue <TrckVal>	[1..1]	Text		2135

#### 19.1.10.8.6.5.1 TrackNumber <TrckNb>

*Presence:* [0..1]

*Definition:* Track number of the card.

*Datatype:* "Number" on page 2366

#### 19.1.10.8.6.5.2 TrackFormat <TrckFrmt>

*Presence:* [0..1]

*Definition:* Card or check track format.

*Datatype:* "TrackFormat1Code" on page 2359

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.

#### 19.1.10.8.6.5.3 TrackValue <TrckVal>

*Presence:* [1..1]

*Definition:* Card track content or equivalent.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.8.6.6 CheckType <ChckTp>

*Presence:* [0..1]

*Definition:* Type of the check (personal or professional).

*Datatype:* "CheckType1Code" on page 2317

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.

#### 19.1.10.8.6.7 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the check.

*Datatype:* "Max3Text" on page 2372

#### 19.1.10.8.7 StoredValueAccount <StordValAcct>

*Presence:* [0..\*]

*Definition:* Store value account payment instrument.

**StoredValueAccount <StordValAcct>** contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		2136
	IdentificationType <IdTp>	[0..1]	CodeSet		2137
	Identification <Id>	[0..1]	Text		2137
	Brand <Brnd>	[0..1]	Text		2138
	Provider <Prvdr>	[0..1]	Text		2138
	OwnerName <OwnrNm>	[0..1]	Text		2138
	ExpiryDate <XpryDt>	[0..1]	Text		2138
	EntryMode <NtryMd>	[0..1]	CodeSet		2138
	Currency <Ccy>	[0..1]	CodeSet	C1	2139
	Balance <Bal>	[0..1]	Amount		2139

#### 19.1.10.8.7.1 AccountType <AcctTp>

*Presence:* [0..1]

*Definition:* Type of stored value account.

*Datatype:* "StoredValueAccountType1Code" on page 2355

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.

#### 19.1.10.8.7.2 IdentificationType <IdTp>

*Presence:* [0..1]

*Definition:* Type of identification for this Stored Value Account.

*Datatype:* "CardIdentificationType1Code" on page 2313

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.

#### 19.1.10.8.7.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.7.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.7.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Stored Value Account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.7.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 19.1.10.8.7.7 ExpiryDate <XpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the account of card.

*Datatype:* "Max10Text" on page 2369

#### 19.1.10.8.7.8 EntryMode <NtryMd>

*Presence:* [0..1]

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

*Datatype:* "CardDataReading8Code" on page 2312

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.)

#### 19.1.10.8.7.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the Stored Value account.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.8.7.10 Balance <Bal>

*Presence:* [0..1]

*Definition:* Current balance of the Stored Value account.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.8.8 LoyaltyAccount <LltyAcct>

*Presence:* [0..\*]

*Definition:* Store value account associated to the payment.

**LoyaltyAccount <LtyAcct>** contains the following elements (see "[LoyaltyAccount3](#)" on page 2176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 19.1.10.8.9 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Device used by the customer to perform the payment transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "[CustomerDevice3](#)" on page 1935 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1935
	Type <Tp>	[0..1]	Text		1935
	Provider <Prvdr>	[0..1]	Text		1936

#### 19.1.10.8.10 Wallet <Wllt>

*Presence:* [0..1]

*Definition:* Container for tenders used by the customer to perform the payment transaction.

**Wallet <Wllt>** contains the following elements (see "[CustomerDevice3](#)" on page 1935 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1935
	Type <Tp>	[0..1]	Text		1935
	Provider <Prvdr>	[0..1]	Text		1936

#### 19.1.10.8.11 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Payment token information.

**PaymentToken <PmtTkn>** contains the following elements (see "Token1" on page 2286 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2286
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2286
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2286
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2287
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2287
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2287

#### 19.1.10.8.12 MerchantToken <MrchntTkn>

*Presence:* [0..1]

*Definition:* Merchant token information.

**MerchantToken <MrchntTkn>** contains the following elements (see "MerchantToken2" on page 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2289
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2290
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2290
	TokenRequestor <TknRqstr>	[0..1]			2290
	ProviderIdentification <Prvdrlld>	[1..1]	Text		2290
	RequestorIdentification <Rqstrld>	[1..1]	Text		2290
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2290
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2290
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2291
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2291

#### 19.1.10.8.13 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder involved in the card payment.

**Cardholder <Crhdldr>** contains the following **Cardholder21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2145
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148
	Name <Nm>	[0..1]	Text		2148
	Language <Lang>	[0..1]	CodeSet	C12	2148
	BillingAddress <BllgAdr>	[0..1]	±		2149
	ShippingAddress <ShppgAdr>	[0..1]	±		2149
	TripNumber <TripNb>	[0..1]	Text		2150
	Vehicle <Vhcl>	[0..1]	±		2150
	Authentication <Authntcn>	[0..*]			2151
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <Crhdldrld>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <Drvrld>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2158
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2162
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <Rslt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRslt>	[0..1]	Text		2164
	PersonalData <PrsnlData>	[0..1]	Text		2165
	MobileData <MobData>	[0..*]			2165
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2168

### 19.1.10.8.13.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the cardholder involved in a transaction.

**Identification <Id>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2145
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2145
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2146
	DriverIdentification <DrvrId>	[0..1]	Text		2146
	CustomerNumber <CstmrNb>	[0..1]	Text		2146
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2146
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2146
	PassportNumber <PsptNb>	[0..1]	Text		2146
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2146
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2146
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2147
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2147
	JobNumber <JobNb>	[0..1]	Text		2147
	Department <Dept>	[0..1]	Text		2147
	EmailAddress <EmailAdr>	[0..1]	Text		2147
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2147
	BirthDate <BirthDt>	[1..1]	Date		2147
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148
	Other <Othr>	[0..*]	±		2148

#### 19.1.10.8.13.1.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.3 DriverLicenseName <DrvrLicNm>**

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.4 DriverIdentification <DrvrId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.1.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.11 EmployerIdentificationNumber <MplyrIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2370

#### 19.1.10.8.13.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2147
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2148
	CityOfBirth <CityOfBirth>	[1..1]	Text		2148
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2148

##### 19.1.10.8.13.1.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2364

#### 19.1.10.8.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.1.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C4 "Country"

*Datatype:* "CountryCode" on page 2318

##### Constraints

- **Country**

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

#### 19.1.10.8.13.1.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 1944 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1944
	IdentificationType <IdTp>	[1..1]	Text		1944

#### 19.1.10.8.13.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Cardholder name associated with the card.

*Datatype:* "Max45Text" on page 2372

#### 19.1.10.8.13.3 Language <Lang>

*Presence:* [0..1]

*Definition:* Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

**Constraints**

- **ValidationByTable**

Must be a valid terrestrial language.

**19.1.10.8.13.4 BillingAddress <BllgAdr>**

*Presence:* [0..1]

*Definition:* Postal address of the owner of the payment card.

**BillingAddress <BllgAdr>** contains the following elements (see "PostalAddress22" on page 2228 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2229
	Department <Dept>	[0..1]	Text		2229
	SubDepartment <SubDept>	[0..1]	Text		2229
	AddressLine <AdrLine>	[0..2]	Text		2229
	StreetName <StrtNm>	[0..1]	Text		2230
	BuildingNumber <BldgNb>	[0..1]	Text		2230
	PostCode <PstCd>	[0..1]	Text		2230
	TownName <TwnNm>	[0..1]	Text		2230
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2230
	CountryCode <CtryCd>	[0..1]	Text		2230

**19.1.10.8.13.5 ShippingAddress <ShppgAdr>**

*Presence:* [0..1]

*Definition:* Postal address for delivery of goods or services.

**ShippingAddress <ShppgAdr>** contains the following elements (see "PostalAddress22" on page 2228 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2229
	Department <Dept>	[0..1]	Text		2229
	SubDepartment <SubDept>	[0..1]	Text		2229
	AddressLine <AdrLine>	[0..2]	Text		2229
	StreetName <StrtNm>	[0..1]	Text		2230
	BuildingNumber <BldgNb>	[0..1]	Text		2230
	PostCode <PstCd>	[0..1]	Text		2230
	TownName <TwnNm>	[0..1]	Text		2230
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2230
	CountryCode <CtryCd>	[0..1]	Text		2230

#### 19.1.10.8.13.6 TripNumber <TripNb>

*Presence:* [0..1]

*Definition:* Identification of the trip.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.7 Vehicle <Vhcl>

*Presence:* [0..1]

*Definition:* Information related to the vehicle used for the transaction.

**Vehicle <Vhcl>** contains the following elements (see "Vehicle1" on page 2186 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2186
	TrailerNumber <TrlrNb>	[0..1]	Text		2186
	VehicleTag <VhclTag>	[0..1]	Text		2186
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2187
	UnitNumber <UnitNb>	[0..1]	Text		2187
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2187
	Odometer <Odmtr>	[0..1]	Quantity		2187
	Hubometer <Hbmtr>	[0..1]	Quantity		2188
	TrailerHours <TrlrHrs>	[0..1]	Text		2188
	ReferHours <RefrHrs>	[0..1]	Text		2188
	Maintenanceldentification <Mntncld>	[0..1]	Text		2188
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2188
	PAN <PAN>	[0..1]	Text		2188
	Track1 <Trck1>	[0..1]	Text		2188
	Track2 <Trck2>	[0..1]	Text		2189
	Track3 <Trck3>	[0..1]	Text		2189
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2189
	EntryMode <NtryMd>	[0..1]	CodeSet		2189
	AdditionalVehicleData <AddtlVhclData>	[0..*]	±		2190

#### 19.1.10.8.13.8 Authentication <Authntcn>

*Presence:* [0..\*]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder and its card.

**Authentication <Authntcn>** contains the following **CardholderAuthentication17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2153
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2154
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2155
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2155
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2155
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156
	CardholderIdentification <CrhdldrId>	[0..1]			2156
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160
	AddressVerification <AdrVrfctn>	[0..1]			2160

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2161
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2161
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2161
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2161
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162

#### 19.1.10.8.13.8.1 AuthenticationMethod <AuthntcnMtd>

*Presence:* [0..1]

*Definition:* Method and data intended to be used for this transaction to authenticate the cardholder or its card.

*Datatype:* "AuthenticationMethod8Code" on page 2307

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.

#### 19.1.10.8.13.8.2 AuthenticationExemption <AuthntcnXmptn>

*Presence:* [0..1]

*Definition:* If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

*Datatype:* "Exemption1Code" on page 2323

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.

#### 19.1.10.8.13.8.3 AuthenticationValue <AuthntcnVal>

*Presence:* [0..1]

*Definition:* Value used to authenticate the cardholder.

*Datatype:* "Max5000Binary" on page 2293

#### 19.1.10.8.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

*Presence:* [0..1]

*Definition:* Protection of the authentication value.

**ProtectedAuthenticationValue <PrctcdAuthntcnVal>** contains the following elements (see "ContentInformationType40" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.8.13.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

*Presence:* [0..1]

*Definition:* Encrypted personal identification number (PIN) and related information.

**CardholderOnLinePIN <CrdhldrOnLinePIN>** contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2155
	PINFormat <PINFrmt>	[1..1]	CodeSet		2156
	AdditionalInput <AddtlInpt>	[0..1]	Text		2156

#### 19.1.10.8.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* Encrypted PIN (Personal Identification Number).

**EncryptedPINBlock <NcrptdPINBlck>** contains the following elements (see  
"ContentInformationType40" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.8.13.8.5.2 PINFormat <PINFrmt>

*Presence:* [1..1]

*Definition:* PIN (Personal Identification Number) format before encryption.

*Datatype:* "PINFormat3Code" on page 2338

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.

#### 19.1.10.8.13.8.5.3 AdditionalInput <AddtlInpt>

*Presence:* [0..1]

*Definition:* Additional information required to verify the PIN (Personal Identification Number).

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6 CardholderIdentification <CrhdldrId>

*Presence:* [0..1]

*Definition:* Identification of the cardholder to verify.

**CardholderIdentification <CrhdIdrId>** contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2157
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2157
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2157
	DriverIdentification <DrvrId>	[0..1]	Text		2158
	CustomerNumber <CstmrNb>	[0..1]	Text		2158
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2158
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2158
	PassportNumber <PsptNb>	[0..1]	Text		2158
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2158
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2158
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2158
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2159
	JobNumber <JobNb>	[0..1]	Text		2159
	Department <Dept>	[0..1]	Text		2159
	EmailAddress <EmailAdr>	[0..1]	Text		2159
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2159
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160
	Other <Othr>	[0..*]	±		2160

#### 19.1.10.8.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

*Presence:* [0..1]

*Definition:* Number assigned by a license authority to a driver's license.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

*Presence:* [0..1]

*Definition:* Country, state or province, issuer of the driver license.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.3 DriverLicenseName <DrvrLicNm>

*Presence:* [0..1]

*Definition:* Name or title of the driver license.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.4 DriverIdentification <DrvrlId>**

*Presence:* [0..1]

*Definition:* Identification of the driver in the fleet of vehicle.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.5 CustomerNumber <CstmrNb>**

*Presence:* [0..1]

*Definition:* Number assigned by an agent to identify its customer.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.6 SocialSecurityNumber <SciSctyNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a social security agency.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a government agency to identify foreign nationals.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.8 PassportNumber <PsptNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a passport authority to a passport.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.9 TaxIdentificationNumber <TaxIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a tax authority to an entity.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.10 IdentityCardNumber <IdntyCardNb>**

*Presence:* [0..1]

*Definition:* Number assigned by a national authority to an identity card.

*Datatype:* "Max35Text" on page 2371

**19.1.10.8.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>**

*Presence:* [0..1]

*Definition:* Number assigned to an employer by a registration authority.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

*Presence:* [0..1]

*Definition:* Number assigned to an employee by a employer.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.13 JobNumber <JobNb>

*Presence:* [0..1]

*Definition:* Identification of the job.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.14 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of the department.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.15 EmailAddress <EmailAdr>

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2370

#### 19.1.10.8.13.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

*Presence:* [0..1]

*Definition:* Date and place of birth of a person.

**DateAndPlaceOfBirth <DtAndPlcOfBirth>** contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2159
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2159
	CityOfBirth <CityOfBirth>	[1..1]	Text		2160
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2160

#### 19.1.10.8.13.8.6.16.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2364

#### 19.1.10.8.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.16.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.6.16.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C4 "Country"

*Datatype:* "CountryCode" on page 2318

##### Constraints

- **Country**

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

#### 19.1.10.8.13.8.6.17 Other <Othr>

*Presence:* [0..\*]

*Definition:* Unique identification of a person, as assigned by an institution, using an identification scheme.

**Other <Othr>** contains the following elements (see "GenericIdentification4" on page 1944 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1944
	IdentificationType <IdTp>	[1..1]	Text		1944

#### 19.1.10.8.13.8.7 AddressVerification <AdrVrfctn>

*Presence:* [0..1]

*Definition:* Numeric characters of the cardholder's billing or shipping address for verification.

**AddressVerification <AdrVrfctn>** contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2160
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2161

#### 19.1.10.8.13.8.7.1 AddressDigits <AdrDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's address excluding the postal code (that is street number).

*Datatype:* "Max5NumericText" on page 2373

#### 19.1.10.8.13.8.7.2 PostalCodeDigits <PstlCdDgts>

*Presence:* [0..1]

*Definition:* Numeric characters from the cardholder's postal code.

*Datatype:* "Max5NumericText" on page 2373

#### 19.1.10.8.13.8.8 AuthenticationType <AuthntcnTp>

*Presence:* [0..1]

*Definition:* Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.9 AuthenticationLevel <AuthntcnLvl>

*Presence:* [0..1]

*Definition:* Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.8.13.8.10 AuthenticationResult <AuthntcnRslt>

*Presence:* [0..1]

*Definition:* Result of authentication.

*Datatype:* "AuthenticationResult1Code" on page 2309

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.

#### 19.1.10.8.13.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

*Presence:* [0..1]

*Definition:* Additional information related to the result of the authentication.

**AuthenticationAdditionalInformation <AuthntcnAddtlInf>** contains the following  
**ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2162
	Value <Val>	[0..1]	Binary		2162
	ProtectedValue <PrctcdVal>	[0..1]	±		2162
	Type <Tp>	[0..1]	Text		2162

#### 19.1.10.8.13.8.11.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the set of data to exchange.

*Datatype:* "Max1025Text" on page 2368

#### 19.1.10.8.13.8.11.2 Value <Val>

*Presence:* [0..1]

*Definition:* Data to exchange according to an external standard.

*Datatype:* "Max100KBinary" on page 2292

#### 19.1.10.8.13.8.11.3 ProtectedValue <PrctcdVal>

*Presence:* [0..1]

*Definition:* Protection of the values to exchange.

**ProtectedValue <PrctcdVal>** contains the following elements (see "ContentInformationType39" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.10.8.13.8.11.4 Type <Tp>

*Presence:* [0..1]

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

*Datatype:* "Max1025Text" on page 2368

#### 19.1.10.8.13.9 TransactionVerificationResult <TxVrfctnRslt>

*Presence:* [0..\*]

*Definition:* Result of performed verifications for the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2163
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2164
	Result <RsIt>	[0..1]	CodeSet		2164
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2164

#### 19.1.10.8.13.9.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Method of verification that has been performed.

*Datatype:* "AuthenticationMethod6Code" on page 2306

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.

#### 19.1.10.8.13.9.2 VerificationEntity <VrfctnNtty>

*Presence:* [0..1]

*Definition:* Entity or device that has performed the verification.

*Datatype:* "AuthenticationEntity2Code" on page 2306

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.

#### 19.1.10.8.13.9.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification1Code" on page 2364

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.

#### 19.1.10.8.13.9.4 AdditionalResult <AddtlRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification.

*Datatype:* "Max500Text" on page 2373

#### 19.1.10.8.13.10 PersonalData <PrsnlData>

*Presence:* [0..1]

*Definition:* Identifies personal data related to the cardholder.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.8.13.11 MobileData <MobData>

*Presence:* [0..\*]

*Definition:* Data related to the mobile of stakeholder.

**MobileData <MobData>** contains the following **MobileData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2165
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2165
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2166
	Geolocation <Glctn>	[0..1]			2166
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167
	SensitiveMobileData <SnstvMobData>	[0..1]			2167
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2168

##### 19.1.10.8.13.11.1 MobileCountryCode <MobCtryCd>

*Presence:* [0..1]

*Definition:* Identifies the country of a mobile phone operator.

*Datatype:* "Min2Max3AlphaText" on page 2374

##### 19.1.10.8.13.11.2 MobileNetworkCode <MobNtwkCd>

*Presence:* [0..1]

*Definition:* Identifies the mobile phone operator inside a country.

*Datatype:* "Min2Max3NumericText" on page 2374

### 19.1.10.8.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

*Presence:* [0..1]

*Definition:* Masked Mobile Subscriber Integrated Service Digital Network.

*Datatype:* "Max35Text" on page 2371

### 19.1.10.8.13.11.4 Geolocation <Glctn>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic or UTM coordinates.

**Geolocation <Glctn>** contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2166
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166
	UTMCoordinates <UTMCordints>	[0..1]			2167
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2167

#### 19.1.10.8.13.11.4.1 GeographicCoordinates <GeogcCordints>

*Presence:* [0..1]

*Definition:* Geographic location specified by geographic coordinates.

**GeographicCoordinates <GeogcCordints>** contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2166
	Longitude <Long>	[1..1]	Text		2166

##### 19.1.10.8.13.11.4.1.1 Latitude <Lat>

*Presence:* [1..1]

*Definition:* Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

*Datatype:* "Max35Text" on page 2371

##### 19.1.10.8.13.11.4.1.2 Longitude <Long>

*Presence:* [1..1]

*Definition:* Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.8.13.11.4.2 UTMCoordinates <UTMCordints>**

*Presence:* [0..1]

*Definition:* Geographic location specified by UTM coordinates.

**UTMCoordinates <UTMCordints>** contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2167
	UTMEastward <UTMEstwr>	[1..1]	Text		2167
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2167

##### **19.1.10.8.13.11.4.2.1 UTMZone <UTMZone>**

*Presence:* [1..1]

*Definition:* UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

*Datatype:* "Max35Text" on page 2371

##### **19.1.10.8.13.11.4.2.2 UTMEastward <UTMEstwr>**

*Presence:* [1..1]

*Definition:* X-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2371

##### **19.1.10.8.13.11.4.2.3 UTMNorthward <UTMNrthwr>**

*Presence:* [1..1]

*Definition:* Y-coordinate of the Universal Transverse Mercator coordinate system.

*Datatype:* "Max35Text" on page 2371

##### **19.1.10.8.13.11.5 SensitiveMobileData <SnstvMobData>**

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone.

**SensitiveMobileData <SnstvMobData>** contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2168
	IMSI <IMSI>	[0..1]	Text		2168
	IMEI <IMEI>	[0..1]	Text		2168

#### 19.1.10.8.13.11.5.1 MSISDN <MSISDN>

*Presence:* [1..1]

*Definition:* identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.8.13.11.5.2 IMSI <IMSI>

*Presence:* [0..1]

*Definition:* International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.8.13.11.5.3 IMEI <IMEI>

*Presence:* [0..1]

*Definition:* International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.8.13.11.6 ProtectedMobileData <PrtctdMobData>

*Presence:* [0..1]

*Definition:* Sensitive information related to the mobile phone, protected by CMS.

**ProtectedMobileData <PrtctdMobData>** contains the following elements (see "ContentInformationType40" on page 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.8.14 ProtectedCardholderData <PrtctdCrhdldrData>

*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 2280 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.10.8.15 SaleEnvironment <SaleEnv>

*Presence:* [0..1]

*Definition:* Sale Retailer Environment for this message.

**SaleEnvironment <SaleEnv>** contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2169
	Currency <Ccy>	[0..1]	CodeSet	C1	2170
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2170
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2170
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2171
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2171
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2171

##### 19.1.10.8.15.1 SaleCapabilities <SaleCpblties>

*Presence:* [0..\*]

*Definition:* Capabilities of the Sale system.

*Datatype:* "SaleCapabilities1Code" on page 2354

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.

#### 19.1.10.8.15.2 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Default currency associated with the sale system.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.8.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

*Presence:* [0..1]

*Definition:* Minimum amount the Sale System is allowed to deliver for this payment.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.8.15.4 MaximumCashBackAmount <MaxCshBckAmt>

*Presence:* [0..1]

*Definition:* Maximum amount which could be requested for cash-back.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.8.15.5 MinimumSplitAmount <MinSpltAmt>

*Presence:* [0..1]

*Definition:* Minimum amount to split a sale transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.8.15.6 DebitPreferredFlag <DbtPrefrdFlg>

*Presence:* [0..1]

*Definition:* Flag if preferred type of payment is a debit transaction.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.8.15.7 LoyaltyHandling <LltyHdlg>

*Presence:* [0..1]

*Definition:* Way of Loyalty handling.

*Datatype:* "LoyaltyHandling1Code" on page 2331

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.

#### 19.1.10.9 PointOfInteractionCapabilities11

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2172
	CardholderVerificationCapabilities <CrhdldrVrfctn Cpblties>	[0..*]	CodeSet		2173
	PINLengthCapabilities <PINLngh Cpblties>	[0..1]	Quantity		2173
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2173
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2174
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2174
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2174
	MessageCapabilities <MsgCpblties>	[0..*]			2174
	Destination <Dstn>	[1..*]	CodeSet		2174
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2175
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2175
	LineWidth <LineWidth>	[0..1]	Quantity		2175
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2175

#### 19.1.10.9.1 CardReadingCapabilities <CardRdngCpblties>

*Presence:* [0..\*]

*Definition:* Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardDataReading8Code" on page 2312

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.)

#### 19.1.10.9.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

*Presence:* [0..\*]

*Definition:* Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardholderVerificationCapability4Code" on page 2312

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.

#### 19.1.10.9.3 PINLengthCapabilities <PINLnghCpblties>

*Presence:* [0..1]

*Definition:* Maximum number of digits the POI is able to accept when the cardholder enters its PIN.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.9.4 ApprovalCodeLength <ApprvlCdLngh>

*Presence:* [0..1]

*Definition:* Maximum number of characters of the approval code the POI is able to manage.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.9.5 MaxScriptLength <MxScrpLngth>

*Presence:* [0..1]

*Definition:* Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.9.6 CardCaptureCapable <CardCaptrCpbl>

*Presence:* [0..1]

*Definition:* True if the POI is able to capture card.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.9.7 OnLineCapabilities <OnLineCpblties>

*Presence:* [0..1]

*Definition:* On-line and off-line capabilities of the POI (Point Of Interaction).

*Datatype:* "OnLineCapability1Code" on page 2333

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.

#### 19.1.10.9.8 MessageCapabilities <MsgCpblties>

*Presence:* [0..\*]

*Definition:* Capabilities of the terminal to display or print message to the cardholder and the merchant.

**MessageCapabilities <MsgCpblties>** contains the following **DisplayCapabilities7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..*]	CodeSet		2174
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2175
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2175
	LineWidth <LineWidth>	[0..1]	Quantity		2175
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2175

##### 19.1.10.9.8.1 Destination <Dstn>

*Presence:* [1..\*]

*Definition:* Destination of the message to present.

*Datatype:* "UserInterface9Code" on page 2363

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.
CSTM	CustomerStatement	Cardholder bank statement.

#### 19.1.10.9.8.2 AvailableFormat <AvlblFrmt>

*Presence:* [0..\*]

*Definition:* Available message format.

*Datatype:* "OutputFormat1Code" on page 2334

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.

#### 19.1.10.9.8.3 NumberOfLines <NbOfLines>

*Presence:* [0..1]

*Definition:* Number of lines of the display.

*Datatype:* "Number" on page 2366

#### 19.1.10.9.8.4 LineWidth <LineWidth>

*Presence:* [0..1]

*Definition:* Number of columns of the display or printer.

*Datatype:* "Number" on page 2366

#### 19.1.10.9.8.5 AvailableLanguage <AvlblLang>

*Presence:* [0..\*]

*Definition:* Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C12 "ValidationByTable"

*Datatype:* "LanguageCode" on page 2330

## Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

### 19.1.10.10 LoyaltyAccount3

*Definition:* Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2176
	EntryMode <NtryMd>	[0..1]	CodeSet		2176
	IdentificationType <IdTp>	[0..1]	CodeSet		2177
	Brand <Brnd>	[0..1]	Text		2177
	Provider <Prvdr>	[0..1]	Text		2177
	OwnerName <OwnrNm>	[0..1]	Text		2177
	Unit <Unit>	[0..1]	CodeSet		2178
	Currency <Ccy>	[0..1]	CodeSet	C1	2178
	Balance <Bal>	[0..1]	Amount		2178

#### 19.1.10.10.1 LoyaltyIdentification <Ltyld>

*Presence:* [1..1]

*Definition:* Identification of Loyalty Account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.10.2 EntryMode <NtryMd>

*Presence:* [0..1]

*Definition:* Standard or last entry mode to access the Loyalty account or card.

*Datatype:* "CardDataReading8Code" on page 2312

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

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

#### 19.1.10.10.3 IdentificationType <IdTp>

*Presence:* [0..1]

*Definition:* Type of identification for this Loyalty Account.

*Datatype:* "CardIdentificationType1Code" on page 2313

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.

#### 19.1.10.10.4 Brand <Brnd>

*Presence:* [0..1]

*Definition:* Brand to which belong the account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.10.5 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the Loyalty Account.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.10.6 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Owner name of an account.

*Datatype:* "Max45Text" on page 2372

#### 19.1.10.10.7 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit of a Loyalty Account (Point or Currency).

*Datatype:* "AmountUnit1Code" on page 2305

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

#### 19.1.10.10.8 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of a Loyalty Account if any.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.10.9 Balance <Bal>

*Presence:* [0..1]

*Definition:* Balance of a Loyalty Account.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.11 AggregationTransaction3

*Definition:* Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2179
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2179
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2179
	IndividualPayment <IndvPmt>	[0..*]			2179
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 19.1.10.11.1 FirstPaymentDateTime <FrstPmtDtTm>

*Presence:* [0..1]

*Definition:* Date and time of the first payment.

*Datatype:* "ISODatetime" on page 2364

#### 19.1.10.11.2 LastPaymentDateTime <LastPmtDtTm>

*Presence:* [0..1]

*Definition:* Date and time of the last payment.

*Datatype:* "ISODatetime" on page 2364

#### 19.1.10.11.3 NumberOfPayments <NbOfPmts>

*Presence:* [0..1]

*Definition:* Total number of payments that has been aggregated.

*Datatype:* "Number" on page 2366

#### 19.1.10.11.4 IndividualPayment <IndvPmt>

*Presence:* [0..\*]

*Definition:* Individual payment that has been aggregated.

**IndividualPayment <IndvPmt>** contains the following **DetailedAmount21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2180
	DateTime <DtTm>	[1..1]	DateTime		2180
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2180
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		2180
	Label <Labl>	[0..1]	Text		2181

#### 19.1.10.11.4.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.11.4.2 DateTime <DtTm>

*Presence:* [1..1]

*Definition:* Date and time of the payment.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.10.11.4.3 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Card data entry mode for the related payment.

*Datatype:* "CardDataReading8Code" on page 2312

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.)

#### 19.1.10.11.4.4 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data of an integrated circuit card application for the related payment.

*Datatype:* "Max10000Binary" on page 2292

#### 19.1.10.11.4.5 Label <Labl>

*Presence:* [0..1]

*Definition:* Short description of the amount to display or print.

*Datatype:* "Max140Text" on page 2369

#### 19.1.10.12 EncapsulatedContent3

*Definition:* Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2181
	Content <Cntt>	[0..1]	Binary		2181

#### 19.1.10.12.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data which have been authenticated.

*Datatype:* "ContentType2Code" on page 2317

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).

#### 19.1.10.12.2 Content <Cntt>

*Presence:* [0..1]

*Definition:* Actual data to authenticate.

*Datatype:* "Max100KBinary" on page 2292

#### 19.1.10.13 CustomerOrder1

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2182
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2182
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2182
	StartDate <StartDt>	[1..1]	DateTime		2182
	EndDate <EndDt>	[0..1]	DateTime		2182
	Unit <Unit>	[0..1]	CodeSet		2183
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2183
	CurrentAmount <CurAmt>	[0..1]	Amount		2183
	Currency <Ccy>	[0..1]	CodeSet	C1	2183
	AccessedBy <AccsdBy>	[0..1]	Text		2183
	AdditionalInformation <AddtlInf>	[0..1]	Text		2183

#### 19.1.10.13.1 CustomerOrderIdentification <CstmrOrdrlId>

*Presence:* [1..1]

*Definition:* Identification of a customer order.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.13.2 SaleReferenceIdentification <SaleRefId>

*Presence:* [1..1]

*Definition:* Identification of a Sale transaction for a sequence of related POI transactions.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.13.3 OpenOrderState <OpnOrdStat>

*Presence:* [0..1]

*Definition:* Specifies if a customer order is currently open.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.13.4 StartDate <StartDt>

*Presence:* [1..1]

*Definition:* Date time of the beginning of an operation.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.10.13.5 EndDate <EndDt>

*Presence:* [0..1]

*Definition:* Date time of the end of an operation.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.10.13.6 Unit <Unit>

*Presence:* [0..1]

*Definition:* Unit of amount.

*Datatype:* "AmountUnit1Code" on page 2305

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

#### 19.1.10.13.7 ForecastedAmount <FrcstdAmt>

*Presence:* [1..1]

*Definition:* Initial or global amount of the order.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.13.8 CurrentAmount <CurAmt>

*Presence:* [0..1]

*Definition:* Total amount of all completed transactions of a customer order.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.13.9 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of monetary amount.

*Impacted by:* C1 "ActiveCurrency"

*Datatype:* "ActiveCurrencyCode" on page 2295

##### Constraints

- **ActiveCurrency**

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

#### 19.1.10.13.10 AccessedBy <AccsdBy>

*Presence:* [0..1]

*Definition:* Identification of an entity accessing data to perform an operation.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.13.11 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Unqualified information related to customer order.

*Datatype:* "Max1025Text" on page 2368

#### 19.1.10.14 ResponseType11

*Definition:* Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2184
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2184
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2185

##### 19.1.10.14.1 Response <Rspn>

*Presence:* [1..1]

*Definition:* Result of the requested transaction.

*Datatype:* "Response11Code" on page 2344

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.

##### 19.1.10.14.2 ResponseReason <RspnRsn>

*Presence:* [0..1]

*Definition:* Detail of the response.

*Datatype:* "RetailerResultDetail1Code" on page 2346

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.

CodeName	Name	Definition
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

#### 19.1.10.14.3 AdditionalResponseInformation <AddtlRspnInf>

*Presence:* [0..1]

*Definition:* Additional information to be logged for further examination.

*Datatype:* "Max140Text" on page 2369

### 19.1.10.15 Vehicle1

*Definition:* Information related to a vehicle used during a transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2186
	TrailerNumber <TrlrNb>	[0..1]	Text		2186
	VehicleTag <VhclTag>	[0..1]	Text		2186
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2187
	UnitNumber <UnitNb>	[0..1]	Text		2187
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2187
	Odometer <Odmtr>	[0..1]	Quantity		2187
	Hubometer <Hbmtr>	[0..1]	Quantity		2188
	TrailerHours <TrlrHrs>	[0..1]	Text		2188
	ReferHours <RefrHrs>	[0..1]	Text		2188
	Maintenanceldentification <Mntncld>	[0..1]	Text		2188
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2188
	PAN <PAN>	[0..1]	Text		2188
	Track1 <Trck1>	[0..1]	Text		2188
	Track2 <Trck2>	[0..1]	Text		2189
	Track3 <Trck3>	[0..1]	Text		2189
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2189
	EntryMode <NtryMd>	[0..1]	CodeSet		2189
	AdditionalVehicleData <AddtlVhclData>	[0..*]	±		2190

#### 19.1.10.15.1 VehicleNumber <VhclNb>

*Presence:* [0..1]

*Definition:* Number assigned to the vehicle for identification.

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.15.2 TrailerNumber <TrlrNb>

*Presence:* [0..1]

*Definition:* Number assigned to the vehicle trailer for identification.

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.15.3 VehicleTag <VhclTag>

*Presence:* [0..1]

*Definition:* Registration tag of the vehicle.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.15.4 VehicleTagEntryMode <VhclTagNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the registration tag.

*Datatype:* "CardDataReading5Code" on page 2311

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.

#### 19.1.10.15.5 UnitNumber <UnitNb>

*Presence:* [0..1]

*Definition:* Identification of the vehicle in the fleet.

*Datatype:* "Max35NumericText" on page 2371

#### 19.1.10.15.6 ReplacementCar <RplcmntCar>

*Presence:* [0..1]

*Definition:* True if the car is a replacement car.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

#### 19.1.10.15.7 Odometer <Odmtr>

*Presence:* [0..1]

*Definition:* Odometer reading value indicating the distance travelled by the vehicle.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.15.8 Hubometer <Hbmtr>

*Presence:* [0..1]

*Definition:* Hubometer reading value indicating the distance travelled by the trailer.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.15.9 TrailerHours <TrlrHrs>

*Presence:* [0..1]

*Definition:* Number of hours the trailer has been in operation.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.15.10 ReferHours <RefrHrs>

*Presence:* [0..1]

*Definition:* Number of hours the refer unit has been in operation.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.15.11 MaintenanceIdentification <MntncId>

*Presence:* [0..1]

*Definition:* Identification assigned to the vehicle related to maintenance.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.15.12 DriverOrVehicleCard <DrvrOrVhclCard>

*Presence:* [0..1]

*Definition:* Second card presented for the payment transaction.

**DriverOrVehicleCard <DrvrOrVhclCard>** contains the following **PlainCardData17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		2188
	Track1 <Trck1>	[0..1]	Text		2188
	Track2 <Trck2>	[0..1]	Text		2189
	Track3 <Trck3>	[0..1]	Text		2189
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2189
	EntryMode <NtryMd>	[0..1]	CodeSet		2189

##### 19.1.10.15.12.1 PAN <PAN>

*Presence:* [0..1]

*Definition:* Primary Account Number (PAN) of the card.

*Datatype:* "Min8Max28NumericText" on page 2375

##### 19.1.10.15.12.2 Track1 <Trck1>

*Presence:* [0..1]

*Definition:* ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max76Text" on page 2373

#### 19.1.10.15.12.3 Track2 <Trck2>

*Presence:* [0..1]

*Definition:* ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max37Text" on page 2372

#### 19.1.10.15.12.4 Track3 <Trck3>

*Presence:* [0..1]

*Definition:* ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

*Datatype:* "Max104Text" on page 2368

#### 19.1.10.15.12.5 AdditionalCardData <AddtlCardData>

*Presence:* [0..\*]

*Definition:* Additional card issuer specific data.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.15.12.6 EntryMode <NtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card.

*Datatype:* "CardDataReading5Code" on page 2311

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.

### 19.1.10.15.13 AdditionalVehicleData <AddtlVhclData>

*Presence:* [0..\*]

*Definition:* Additional information related to the vehicle.

**AdditionalVehicleData <AddtlVhclData>** contains the following elements (see "[Vehicle2](#)" on [page 2112](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2112
	EntryMode <NtryMd>	[0..1]	CodeSet		2112
	Data <Data>	[1..1]	Text		2113

### 19.1.10.16 SupplementaryData1

*Definition:* Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2190
	Envelope <Envlp>	[1..1]	(External Schema)		2190

#### 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.

#### 19.1.10.16.1 PlaceAndName <PlcAndNm>

*Presence:* [0..1]

*Definition:* Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

*Datatype:* "[Max350Text](#)" on [page 2371](#)

#### 19.1.10.16.2 Envelope <Envlp>

*Presence:* [1..1]

*Definition:* Technical element wrapping the supplementary data.

*Type:* (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

### 19.1.10.17 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		2191
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2192
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2192
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2192
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2193
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2193
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2193
	MessageCapabilities <MsgCpblties>	[0..*]			2193
	Destination <Dstn>	[1..*]	CodeSet		2193
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2194
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2194
	LineWidth <LineWidth>	[0..1]	Quantity		2194
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2194

#### 19.1.10.17.1 CardReadingCapabilities <CardRdngCpblties>

*Presence:* [0..\*]

*Definition:* Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardDataReading8Code" on page 2312

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.)

#### 19.1.10.17.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

*Presence:* [0..\*]

*Definition:* Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

*Datatype:* "CardholderVerificationCapability4Code" on page 2312

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.

#### 19.1.10.17.3 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 2367

#### 19.1.10.17.4 ApprovalCodeLength <ApprvlCdLngh>

*Presence:* [0..1]

*Definition:* Maximum number of characters of the approval code the POI is able to manage.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.17.5 MaxScriptLength <MxScrpLngth>

*Presence:* [0..1]

*Definition:* Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

*Datatype:* "PositiveNumber" on page 2367

#### 19.1.10.17.6 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 2366):

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

#### 19.1.10.17.7 OnLineCapabilities <OnLineCpblties>

*Presence:* [0..1]

*Definition:* On-line and off-line capabilities of the POI (Point Of Interaction).

*Datatype:* "OnLineCapability1Code" on page 2333

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.

#### 19.1.10.17.8 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		2193
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2194
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2194
	LineWidth <LineWidth>	[0..1]	Quantity		2194
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C12	2194

##### 19.1.10.17.8.1 Destination <Dstn>

*Presence:* [1..\*]

*Definition:* Destination of the message to present.

*Datatype:* "UserInterface4Code" on page 2363

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.

#### 19.1.10.17.8.2 AvailableFormat <AvlblFrmt>

*Presence:* [0..\*]

*Definition:* Available message format.

*Datatype:* "OutputFormat1Code" on page 2334

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.

#### 19.1.10.17.8.3 NumberOfLines <NbOfLines>

*Presence:* [0..1]

*Definition:* Number of lines of the display.

*Datatype:* "Number" on page 2366

#### 19.1.10.17.8.4 LineWidth <LineWidth>

*Presence:* [0..1]

*Definition:* Number of columns of the display or printer.

*Datatype:* "Number" on page 2366

#### 19.1.10.17.8.5 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 2330

### Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

## 19.1.10.18 TransactionIdentifier1

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2195
	TransactionReference <TxRef>	[1..1]	Text		2195

### 19.1.10.18.1 TransactionDateTime <TxDtTm>

*Presence:* [1..1]

*Definition:* Local date and time of the transaction assigned by the POI (Point Of Interaction).

*Datatype:* "ISODateTime" on page 2364

### 19.1.10.18.2 TransactionReference <TxRef>

*Presence:* [1..1]

*Definition:* Identification of the transaction that has to be unique for a time period.

*Datatype:* "Max35Text" on page 2371

## 19.1.10.19 Product6

*Definition:* Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2196
	ProductCode <PdctCd>	[1..1]	Text		2196
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2196
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2196
	ProductQuantity <PdctQty>	[0..1]	Quantity		2198
	UnitPrice <UnitPric>	[0..1]	Amount		2198
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2198
	ProductAmount <PdctAmt>	[1..1]	Amount		2199
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2199
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2199
	TaxType <TaxTp>	[0..1]	Text		2199
	ProductDescription <PdctDesc>	[0..1]	Text		2199
	DeliveryLocation <DlrvyLctn>	[0..1]	Text		2199
	DeliveryService <DlrvySvc>	[0..1]	CodeSet		2199
	SaleChannel <SaleChanl>	[0..1]	Text		2200
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2200

#### 19.1.10.19.1 ItemIdentification <ItmId>

*Presence:* [0..1]

*Definition:* Identification of the item inside the purchase transaction.

*Datatype:* "Max35Text" on page 2371

#### 19.1.10.19.2 ProductCode <PdctCd>

*Presence:* [1..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.19.3 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional product code related to the product.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.19.4 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure6Code" on page 2361

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.

CodeName	Name	Definition
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

#### 19.1.10.19.5 ProductQuantity <PdctQty>

*Presence:* [0..1]

*Definition:* Product quantity.

*Datatype:* "DecimalNumber" on page 2366

#### 19.1.10.19.6 UnitPrice <UnitPric>

*Presence:* [0..1]

*Definition:* Price per unit of product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### 19.1.10.19.7 UnitPriceSign <UnitPricSgn>

*Presence:* [0..1]

*Definition:* Sign of the unit price.

*Datatype:* One of the following values must be used (see "PlusOrMinusIndicator" on page 2366):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

#### **19.1.10.19.8 ProductAmount <PdctAmt>**

*Presence:* [1..1]

*Definition:* Monetary value of purchased product.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.19.9 ProductAmountSign <PdctAmtSgn>**

*Presence:* [0..1]

*Definition:* Sign of the product amount.

*Datatype:* One of the following values must be used (see "PlusOrMinusIndicator" on page 2366):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

#### **19.1.10.19.10 ValueAddedTax <ValAddedTax>**

*Presence:* [0..1]

*Definition:* Value added tax amount of the item included in the product amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 2292

#### **19.1.10.19.11 TaxType <TaxTp>**

*Presence:* [0..1]

*Definition:* Information on tax paid on the product.

*Datatype:* "Max35Text" on page 2371

#### **19.1.10.19.12 ProductDescription <PdctDesc>**

*Presence:* [0..1]

*Definition:* Description of the product or item.

*Datatype:* "Max140Text" on page 2369

#### **19.1.10.19.13 DeliveryLocation <DlvryLctn>**

*Presence:* [0..1]

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

*Datatype:* "Max10Text" on page 2369

#### **19.1.10.19.14 DeliveryService <DlvrySvc>**

*Presence:* [0..1]

*Definition:* Identify the method of delivery or distribution of the item.

*Datatype:* "AttendanceContext2Code" on page 2305

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.

#### 19.1.10.19.15 SaleChannel <SaleChanI>

*Presence:* [0..1]

*Definition:* Commercial or distribution channel associated to the line item.

*Datatype:* "Max70Text" on page 2373

#### 19.1.10.19.16 AdditionalProductDescription <AddtlPdctDesc>

*Presence:* [0..1]

*Definition:* Additional information related to the line item.

*Datatype:* "Max256Text" on page 2370

## 19.1.11 Monitoring

### 19.1.11.1 Traceability8

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2200
	ProtocolName <PrtcolNm>	[0..1]	Text		2201
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2201
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2201
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2201

#### 19.1.11.1.1 RelayIdentification <RlayId>

*Presence:* [1..1]

*Definition:* Identification of a partner of a message exchange.

**RelayIdentification <RlyId>** contains the following elements (see "[GenericIdentification177](#)" on page 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Issuer <Issr>	[0..1]	CodeSet		1941
	Country <Ctry>	[0..1]	Text		1941
	ShortName <ShrtNm>	[0..1]	Text		1941
	RemoteAccess <RmotAccs>	[0..1]	±		1942
	Geolocation <Glctn>	[0..1]			1942
	GeographicCoordinates <GeogcCordints>	[0..1]			1942
	Latitude <Lat>	[1..1]	Text		1943
	Longitude <Long>	[1..1]	Text		1943
	UTMCoordinates <UTMCordints>	[0..1]			1943
	UTMZone <UTMZone>	[1..1]	Text		1943
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1943
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1944

#### 19.1.11.1.2 ProtocolName <PrtcolNm>

*Presence:* [0..1]

*Definition:* Name of the outgoing protocol used by the node.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.11.1.3 ProtocolVersion <PrtcolVrsn>

*Presence:* [0..1]

*Definition:* Version of the protocol.

*Datatype:* "[Max6Text](#)" on page 2373

#### 19.1.11.1.4 TraceDateTimeln <TracDtTmln>

*Presence:* [1..1]

*Definition:* Date and time of incoming data exchange for relaying or processing.

*Datatype:* "[ISODateTime](#)" on page 2364

#### 19.1.11.1.5 TraceDateTimeout <TracDtTmOut>

*Presence:* [1..1]

*Definition:* Date and time of the outgoing exchange for relaying or processing.

*Datatype:* "[ISODateTime](#)" on page 2364

### 19.1.11.2 TMSEvent13

*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		2202
	Result <RsIt>	[1..1]	CodeSet		2202
	ActionIdentification <ActnId>	[1..1]			2203
	ActionType <ActnTp>	[1..1]	CodeSet		2203
	DataSetIdentification <DataSetId>	[0..1]	±		2204
	AdditionalErrorInformation <AddtlErrInf>	[0..1]	Text		2204
	TerminalManagerIdentification <TermnlMgrld>	[0..1]	Text		2204
	DeviceResponse <DvcRspn>	[0..1]	±		2204

#### 19.1.11.2.1 TimeStamp <TmStmp>

*Presence:* [1..1]

*Definition:* Date time of the terminal management action performed by the point of interaction.

*Datatype:* "ISODatetime" on page 2364

#### 19.1.11.2.2 Result <RsIt>

*Presence:* [1..1]

*Definition:* Final result of the processed terminal management action.

*Datatype:* "TerminalManagementActionResult5Code" on page 2357

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.

CodeName	Name	Definition
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.

### 19.1.11.2.3 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		2203
	DataSetIdentification <DataSetId>	[0..1]	±		2204

#### 19.1.11.2.3.1 ActionType <ActnTp>

*Presence:* [1..1]

*Definition:* Types of terminal management action performed by a point of interaction.

*Datatype:* "TerminalManagementAction5Code" on page 2357

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.

CodeName	Name	Definition
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.

#### 19.1.11.2.3.2 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 1945 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1945
	Type <Tp>	[1..1]	CodeSet		1945
	Version <Vrsn>	[0..1]	Text		1946
	CreationDateTime <CreDtTm>	[0..1]	DateTime		1947

#### 19.1.11.2.4 AdditionalErrorInformation <AddtlErrInf>

*Presence:* [0..1]

*Definition:* Additional information related to a failure.

*Datatype:* "[Max70Text](#)" on page 2373

#### 19.1.11.2.5 TerminalManagerIdentification <TermnlMgrId>

*Presence:* [0..1]

*Definition:* Identification of the terminal management system (TMS) used with the action.

*Datatype:* "[Max35Text](#)" on page 2371

#### 19.1.11.2.6 DeviceResponse <DvcRspn>

*Presence:* [0..1]

*Definition:* Response of a device request done previously.

**DeviceResponse <DvcRspn>** contains the following elements (see "DeviceResponse9" on page 1873 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C8	1877
	Context <Cntxt>	[0..1]		C9	1883
	PaymentContext <PmtCntxt>	[0..1]			1886
	CardPresent <CardPres>	[0..1]	Indicator		1886
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1886
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1887
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1887
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1887
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1887
	BusinessArea <BizArea>	[0..1]	CodeSet		1888
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1888
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1888
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1889
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1889
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1890
	SaleContext <SaleCntxt>	[0..1]			1890
	SaleIdentification <SaleId>	[0..1]	Text		1891
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1891
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1892
	CashierIdentification <CshrId>	[0..1]	Text		1892
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1892
	ShiftNumber <ShftNb>	[0..1]	Text		1892
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1892
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1892
	InvoiceNumber <InvNb>	[0..1]	Text		1892
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1893
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1893
	CommonName <CmonNm>	[1..1]	Text		1893
	Address <Adr>	[0..1]	Text		1893
	CountryCode <CtryCd>	[1..1]	CodeSet		1893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1893
	RegisteredIdentifier <RegldId>	[1..1]	Text		1893
	SplitPayment <SpltPmt>	[0..1]	Indicator		1894
	RemainingAmount <RmngAmt>	[0..1]	Amount		1894
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1894
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1894
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1894
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1895
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1895
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1895
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1896
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1896
	SystemToNotify <SysToNtfy>	[0..1]	Text		1896
	Debtor <Dbtr>	[0..1]	±		1897
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1898
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1898
	Creditor <Cdtr>	[0..1]	±		1898
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1899
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1900
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1900
	Debtor <Dbtr>	[0..1]	±		1901
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1902
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1903
	Creditor <Cdtr>	[0..1]	±		1903
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1904
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1905
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1905
	MandateIdentification <MndtId>	[1..1]	Text		1906
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1906
	MandateImage <MndtImg>	[0..1]	Binary		1906
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1906

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1906
	DisplayResponse <DispRspn>	[0..1]			1907
	OutputResult <OutptRslt>	[1..*]			1907
	DeviceType <DvcTp>	[1..1]	CodeSet		1908
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1908
	Response <Rspn>	[1..1]	±		1909
	InputResponse <InptRspn>	[0..1]			1909
	OutputResult <OutptRslt>	[0..1]			1910
	DeviceType <DvcTp>	[1..1]	CodeSet		1910
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1911
	Response <Rspn>	[1..1]	±		1912
	InputResult <InptRslt>	[1..1]			1912
	DeviceType <DvcTp>	[1..1]	CodeSet		1912
	InformationQualifier <InfQlfr>	[1..1]	CodeSet		1913
	InputResultData <InptRsltData>	[1..1]			1913
	InputCommand <InptCmd>	[1..1]	CodeSet		1914
	ConfirmedFlag <ConfdFlg>	[0..1]	Indicator		1915
	FunctionKey <FctnKey>	[0..1]	Quantity		1915
	InputMessage <InptMsg>	[0..1]	Text		1915
	Password <Pwd>	[0..1]	±		1915
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1916
	ImageFormat <ImgFrmt>	[1..1]	Text		1916
	ImageData <ImgData>	[0..1]	Binary		1916
	ImageReference <ImgRef>	[0..1]	Text		1916
	AdditionalInformation <AddtlInf>	[0..1]	Text		1916
	PrintResponse <PrtRspn>	[0..1]			1916
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1916
	SecureInputResponse <ScrInptRspn>	[0..1]			1917
	CardholderPIN <CrhdldrPIN>	[0..1]			1917
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1918
	PINFormat <PINFrmt>	[1..1]	CodeSet		1918

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInput <AddtlInpt>	[0..1]	Text		1918
	InitialisationCardReaderResponse <InitlStnCardRdrRspn>	[0..1]			1918
	CardEntryMode <CardNtryMd>	[0..1]	CodeSet		1919
	ICCRResetData <ICCRstData>	[0..1]			1919
	ATRValue <ATRVAl>	[0..1]	Binary		1920
	CardStatus <CardSts>	[0..1]	Binary		1920
	AdditionalInformation <AddtlInf>	[0..1]	Binary		1920
	CardReaderApplicationProtocolDataUnitResponse <CardRdrApplPrtcolDataUnitRspn>	[0..1]			1920
	Data <Data>	[0..1]	Binary		1920
	CardStatus <CardSts>	[1..1]	Binary		1920
	TransmissionResponse <TrnsmssnRspn>	[0..1]			1921
	ReceivedMessage <RcvdMsg>	[0..1]	Binary		1921
	Response <Rspn>	[1..1]	±		1921
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1921

## 19.1.12 Network Access

### 19.1.12.1 NetworkParameters7

*Definition:* Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]	±		2208
	UserName <UsrNm>	[0..1]	Text		2209
	AccessCode <AccsCd>	[0..1]	Binary		2209
	ServerCertificate <SvrCert>	[0..*]	Binary		2209
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2209
	ClientCertificate <CIntCert>	[0..*]	Binary		2209
	SecurityProfile <SctyPrfl>	[0..1]	Text		2209

#### 19.1.12.1.1 Address <Adr>

*Presence:* [1..\*]

*Definition:* Network addresses of the host.

**Address <Adr>** contains the following elements (see "NetworkParameters9" on page 2209 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2210
	AddressValue <AdrVal>	[1..1]	Text		2210

#### 19.1.12.1.2 UserName <UsrNm>

*Presence:* [0..1]

*Definition:* User name identifying the client.

*Datatype:* "Max35Text" on page 2371

#### 19.1.12.1.3 AccessCode <AccsCd>

*Presence:* [0..1]

*Definition:* Password authenticating the client.

*Datatype:* "Max35Binary" on page 2293

#### 19.1.12.1.4 ServerCertificate <SvrCert>

*Presence:* [0..\*]

*Definition:* X.509 Certificate required to authenticate the server.

*Datatype:* "Max10KBinary" on page 2292

#### 19.1.12.1.5 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 2292

#### 19.1.12.1.6 ClientCertificate <CIntCert>

*Presence:* [0..\*]

*Definition:* X.509 Certificate required to authenticate the client.

*Datatype:* "Max10KBinary" on page 2292

#### 19.1.12.1.7 SecurityProfile <SctyPrfl>

*Presence:* [0..1]

*Definition:* Identification of the set of security elements to access the host.

*Datatype:* "Max35Text" on page 2371

### 19.1.12.2 NetworkParameters9

*Definition:* Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		2210
	AddressValue <AdrVal>	[1..1]	Text		2210

#### 19.1.12.2.1 NetworkType <NtwkTp>

*Presence:* [1..1]

*Definition:* Type of communication network.

*Datatype:* "NetworkType1Code" on page 2333

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

#### 19.1.12.2.2 AddressValue <AdrVal>

*Presence:* [1..1]

*Definition:* Value of the address. The value of an internet protocol address contains the IP address or the DNS (Domain Name Server) address, followed by the character ':' and the port number if the default port is not used. The value of a public telephone address contains the phone number with possible prefix and extensions.

*Datatype:* "Max500Text" on page 2373

### 19.1.13 Party Identification

#### 19.1.13.1 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		2211
	PostalAddress <PstlAdr>	[0..1]	±		2212
	Identification <Id>	[0..1]			2212
{Or	OrganisationIdentification <OrgId>	[1..1]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2218
	ContactDetails <CtctDtls>	[0..1]	±		2218

#### 19.1.13.1.1 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 2369

### 19.1.13.1.2 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 2225 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			2225
{Or	Code <Cd>	[1..1]	CodeSet		2226
Or}	Proprietary <Prtry>	[1..1]	±		2226
	CareOf <CareOf>	[0..1]	Text		2226
	Department <Dept>	[0..1]	Text		2226
	SubDepartment <SubDept>	[0..1]	Text		2226
	StreetName <StrtNm>	[0..1]	Text		2227
	BuildingNumber <BldgNb>	[0..1]	Text		2227
	BuildingName <BldgNm>	[0..1]	Text		2227
	Floor <Flr>	[0..1]	Text		2227
	UnitNumber <UnitNb>	[0..1]	Text		2227
	PostBox <PstBx>	[0..1]	Text		2227
	Room <Room>	[0..1]	Text		2227
	PostCode <PstCd>	[0..1]	Text		2227
	TownName <TwnNm>	[0..1]	Text		2228
	TownLocationName <TwnLctnNm>	[0..1]	Text		2228
	DistrictName <DstrctNm>	[0..1]	Text		2228
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2228
	Country <Ctry>	[0..1]	CodeSet	C4	2228
	AddressLine <AdrLine>	[0..7]	Text		2228

### 19.1.13.1.3 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]			2213
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification <Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215
Or}	PrivateIdentification <PrvtId>	[1..1]			2215
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer </Issr>	[0..1]	Text		2218

#### 19.1.13.1.3.1 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	2214
	LEI <LEI>	[0..1]	IdentifierSet		2214
	Other <Othr>	[0..*]			2214
	Identification </Id>	[1..1]	Text		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer </Issr>	[0..1]	Text		2215

#### 19.1.13.1.3.1.1 AnyBIC <AnyBIC>

*Presence:* [0..1]

*Definition:* Business identification code of the organisation.

*Impacted by:* C3 "AnyBIC"

*Datatype:* "AnyBICDec2014Identifier" on page 2365

##### 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.

#### 19.1.13.1.3.1.2 LEI <LEI>

*Presence:* [0..1]

*Definition:* Legal entity identification as an alternate identification for a party.

*Datatype:* "LEIIdentifier" on page 2366

#### 19.1.13.1.3.1.3 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		2215
	SchemeName <SchmeNm>	[0..1]			2215
{Or	Code <Cd>	[1..1]	CodeSet		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215
	Issuer <Issr>	[0..1]	Text		2215

#### 19.1.13.1.3.1.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification assigned by an institution.

*Datatype:* "Max256Text" on page 2370

#### 19.1.13.1.3.1.3.2 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		2215
Or}	Proprietary <Prtry>	[1..1]	Text		2215

#### 19.1.13.1.3.1.3.2.1 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 2324

#### 19.1.13.1.3.1.3.2.2 Proprietary <Prtry>

*Presence:* [1..1]

*Definition:* Name of the identification scheme, in a free text form.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.3.1.3.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.3.2 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]			2216
	BirthDate <BirthDt>	[1..1]	Date		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217
	Other <Othr>	[0..*]			2217
	Identification <Id>	[1..1]	Text		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218

#### 19.1.13.1.3.2.1 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		2216
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2216
	CityOfBirth <CityOfBirth>	[1..1]	Text		2217
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2217

##### 19.1.13.1.3.2.1.1 BirthDate <BirthDt>

*Presence:* [1..1]

*Definition:* Date on which a person is born.

*Datatype:* "ISODate" on page 2364

##### 19.1.13.1.3.2.1.2 ProvinceOfBirth <PrvcOfBirth>

*Presence:* [0..1]

*Definition:* Province where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.3.2.1.3 CityOfBirth <CityOfBirth>

*Presence:* [1..1]

*Definition:* City where a person was born.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.3.2.1.4 CountryOfBirth <CtryOfBirth>

*Presence:* [1..1]

*Definition:* Country where a person was born.

*Impacted by:* C4 "Country"

*Datatype:* "CountryCode" on page 2318

##### Constraints

- **Country**

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

#### 19.1.13.1.3.2.2 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		2217
	SchemeName <SchmeNm>	[0..1]			2217
{Or	Code <Cd>	[1..1]	CodeSet		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218
	Issuer <Issr>	[0..1]	Text		2218

#### 19.1.13.1.3.2.2.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Unique and unambiguous identification of a person.

*Datatype:* "Max256Text" on page 2370

#### 19.1.13.1.3.2.2.2 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		2218
Or}	Proprietary <Prtry>	[1..1]	Text		2218

#### 19.1.13.1.3.2.2.2.1 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 2325

#### 19.1.13.1.3.2.2.2.2 Proprietary <Prtry>

*Presence:* [1..1]

*Definition:* Name of the identification scheme, in a free text form.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.3.2.2.3 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification.

*Datatype:* "Max35Text" on page 2371

#### 19.1.13.1.4 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 2318

##### Constraints

- **Country**

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

#### 19.1.13.1.5 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 2221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2222
	Name <Nm>	[0..1]	Text		2222
	PhoneNumber <PhneNb>	[0..1]	Text		2222
	MobileNumber <MobNb>	[0..1]	Text		2223
	FaxNumber <FaxNb>	[0..1]	Text		2223
	URLAddress <URLAdr>	[0..1]	Text		2223
	EmailAddress <EmailAdr>	[0..1]	Text		2223
	EmailPurpose <EmailPurp>	[0..1]	Text		2223
	JobTitle <JobTitl>	[0..1]	Text		2223
	Responsibility <Rspnsblty>	[0..1]	Text		2223
	Department <Dept>	[0..1]	Text		2223
	Other <Othr>	[0..*]			2224
	ChannelType <ChanlTp>	[1..1]	Text		2224
	Identification <Id>	[0..1]	Text		2224
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2224

## 19.1.14 Payment Type

### 19.1.14.1 PaymentTypeInfoInformation26

*Definition:* Provides further details of the type of payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2220
	ServiceLevel <SvcLvl>	[0..*]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220
	LocalInstrument <LclInstrm>	[0..1]			2220
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221
	CategoryPurpose <CtgyPurp>	[0..1]			2221
{Or	Code <Cd>	[1..1]	CodeSet		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.14.1.1 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 2341

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

#### 19.1.14.1.2 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		2220
Or}	Proprietary <Prtry>	[1..1]	Text		2220

##### 19.1.14.1.2.1 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 2325

##### 19.1.14.1.2.2 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 2371

#### 19.1.14.1.3 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		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.14.1.3.1 Code <Cd>

*Presence:* [1..1]

*Definition:* Specifies the local instrument, as published in an external local instrument code list.

*Datatype:* "ExternalLocalInstrument1Code" on page 2324

#### 19.1.14.1.3.2 Proprietary <Prtry>

*Presence:* [1..1]

*Definition:* Specifies the local instrument, as a proprietary code.

*Datatype:* "Max35Text" on page 2371

#### 19.1.14.1.4 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		2221
Or}	Proprietary <Prtry>	[1..1]	Text		2221

#### 19.1.14.1.4.1 Code <Cd>

*Presence:* [1..1]

*Definition:* Category purpose, as published in an external category purpose code list.

*Datatype:* "ExternalCategoryPurpose1Code" on page 2324

#### 19.1.14.1.4.2 Proprietary <Prtry>

*Presence:* [1..1]

*Definition:* Category purpose, in a proprietary form.

*Datatype:* "Max35Text" on page 2371

## 19.1.15 Person Identification

### 19.1.15.1 Contact13

*Definition:* Specifies the details of the contact person.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2222
	Name <Nm>	[0..1]	Text		2222
	PhoneNumber <PhneNb>	[0..1]	Text		2222
	MobileNumber <MobNb>	[0..1]	Text		2223
	FaxNumber <FaxNb>	[0..1]	Text		2223
	URLAddress <URLAdr>	[0..1]	Text		2223
	EmailAddress <EmailAdr>	[0..1]	Text		2223
	EmailPurpose <EmailPurp>	[0..1]	Text		2223
	JobTitle <JobTitl>	[0..1]	Text		2223
	Responsibility <Rspnsblty>	[0..1]	Text		2223
	Department <Dept>	[0..1]	Text		2223
	Other <Othr>	[0..*]			2224
	ChannelType <ChanlTp>	[1..1]	Text		2224
	Identification <Id>	[0..1]	Text		2224
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2224

#### 19.1.15.1.1 NamePrefix <NmPrfx>

*Presence:* [0..1]

*Definition:* Specifies the terms used to formally address a person.

*Datatype:* "NamePrefix2Code" on page 2332

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).

#### 19.1.15.1.2 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 2369

#### 19.1.15.1.3 PhoneNumber <PhneNb>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a phone number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 2375

#### **19.1.15.1.4 MobileNumber <MobNb>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a mobile phone number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 2375

#### **19.1.15.1.5 FaxNumber <FaxNb>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 2375

#### **19.1.15.1.6 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 2370

#### **19.1.15.1.7 EmailAddress <EmailAdr>**

*Presence:* [0..1]

*Definition:* Address for electronic mail (e-mail).

*Datatype:* "Max256Text" on page 2370

#### **19.1.15.1.8 EmailPurpose <EmailPurp>**

*Presence:* [0..1]

*Definition:* Purpose for which an email address may be used.

*Datatype:* "Max35Text" on page 2371

#### **19.1.15.1.9 JobTitle <JobTitl>**

*Presence:* [0..1]

*Definition:* Title of the function.

*Datatype:* "Max35Text" on page 2371

#### **19.1.15.1.10 Responsibility <Rspnsblty>**

*Presence:* [0..1]

*Definition:* Role of a person in an organisation.

*Datatype:* "Max35Text" on page 2371

#### **19.1.15.1.11 Department <Dept>**

*Presence:* [0..1]

*Definition:* Identification of a division of a large organisation or building.

*Datatype:* "Max70Text" on page 2373

#### 19.1.15.1.12 Other <Othr>

*Presence:* [0..\*]

*Definition:* Contact details in another form.

**Other <Othr>** contains the following **OtherContact1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ChannelType <ChanlTp>	[1..1]	Text		2224
	Identification <Id>	[0..1]	Text		2224

#### 19.1.15.1.12.1 ChannelType <ChanlTp>

*Presence:* [1..1]

*Definition:* Method used to contact the financial institution's contact for the specific tax region.

*Datatype:* "Max4Text" on page 2372

#### 19.1.15.1.12.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Communication value such as phone number or email address.

*Datatype:* "Max128Text" on page 2369

#### 19.1.15.1.13 PreferredMethod <PrefrdMtd>

*Presence:* [0..1]

*Definition:* Preferred method used to reach the contact.

*Datatype:* "PreferredContactMethod2Code" on page 2341

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.

## 19.1.16 Postal Address

### 19.1.16.1 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]			2225
{Or	Code <Cd>	[1..1]	CodeSet		2226
Or}	Proprietary <Prtry>	[1..1]	±		2226
	CareOf <CareOf>	[0..1]	Text		2226
	Department <Dept>	[0..1]	Text		2226
	SubDepartment <SubDept>	[0..1]	Text		2226
	StreetName <StrtNm>	[0..1]	Text		2227
	BuildingNumber <BldgNb>	[0..1]	Text		2227
	BuildingName <BldgNm>	[0..1]	Text		2227
	Floor <Flr>	[0..1]	Text		2227
	UnitNumber <UnitNb>	[0..1]	Text		2227
	PostBox <PstBx>	[0..1]	Text		2227
	Room <Room>	[0..1]	Text		2227
	PostCode <PstCd>	[0..1]	Text		2227
	TownName <TwnNm>	[0..1]	Text		2228
	TownLocationName <TwnLctnNm>	[0..1]	Text		2228
	DistrictName <DstrctNm>	[0..1]	Text		2228
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2228
	Country <Ctry>	[0..1]	CodeSet	C4	2228
	AddressLine <AdrLine>	[0..7]	Text		2228

#### 19.1.16.1.1 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		2226
Or}	Proprietary <Prtry>	[1..1]	±		2226

#### 19.1.16.1.1.1 Code <Cd>

*Presence:* [1..1]

*Definition:* Type of address expressed as a code.

*Datatype:* "AddressType2Code" on page 2296

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.

#### 19.1.16.1.1.2 Proprietary <Prtry>

*Presence:* [1..1]

*Definition:* Type of address expressed as a proprietary code.

**Proprietary <Prtry>** contains the following elements (see "[GenericIdentification30](#)" on page 1944 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1944
	Issuer <Issr>	[1..1]	Text		1945
	SchemeName <SchmeNm>	[0..1]	Text		1945

#### 19.1.16.1.2 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 2369

#### 19.1.16.1.3 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of a division of a large organisation or building.

*Datatype:* "Max70Text" on page 2373

#### 19.1.16.1.4 SubDepartment <SubDept>

*Presence:* [0..1]

*Definition:* Identification of a sub-division of a large organisation or building.

*Datatype:* "Max70Text" on page 2373

#### **19.1.16.1.5 StreetName <StrtNm>**

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "Max140Text" on page 2369

#### **19.1.16.1.6 BuildingNumber <BldgNb>**

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max16Text" on page 2369

#### **19.1.16.1.7 BuildingName <BldgNm>**

*Presence:* [0..1]

*Definition:* Name of the building or house.

*Datatype:* "Max140Text" on page 2369

#### **19.1.16.1.8 Floor <Flr>**

*Presence:* [0..1]

*Definition:* Floor or storey within a building.

*Datatype:* "Max70Text" on page 2373

#### **19.1.16.1.9 UnitNumber <UnitNb>**

*Presence:* [0..1]

*Definition:* Identifies a flat or dwelling within the building.

*Datatype:* "Max16Text" on page 2369

#### **19.1.16.1.10 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 2369

#### **19.1.16.1.11 Room <Room>**

*Presence:* [0..1]

*Definition:* Building room number.

*Datatype:* "Max70Text" on page 2373

#### **19.1.16.1.12 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 2369

#### **19.1.16.1.13 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max140Text" on page 2369

#### **19.1.16.1.14 TownLocationName <TwnLctnNm>**

*Presence:* [0..1]

*Definition:* Specific location name within the town.

*Datatype:* "Max140Text" on page 2369

#### **19.1.16.1.15 DistrictName <DstrctNm>**

*Presence:* [0..1]

*Definition:* Identifies a subdivision within a country sub-division.

*Datatype:* "Max140Text" on page 2369

#### **19.1.16.1.16 CountrySubDivision <CtrySubDvsn>**

*Presence:* [0..1]

*Definition:* Identifies a subdivision of a country such as state, region, county.

*Datatype:* "Max35Text" on page 2371

#### **19.1.16.1.17 Country <Ctry>**

*Presence:* [0..1]

*Definition:* Nation with its own government.

*Impacted by:* C4 "Country"

*Datatype:* "CountryCode" on page 2318

##### **Constraints**

- **Country**

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

#### **19.1.16.1.18 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 2373

### **19.1.16.2 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		2229
	Department <Dept>	[0..1]	Text		2229
	SubDepartment <SubDept>	[0..1]	Text		2229
	AddressLine <AdrLine>	[0..2]	Text		2229
	StreetName <StrtNm>	[0..1]	Text		2230
	BuildingNumber <BldgNb>	[0..1]	Text		2230
	PostCode <PstCd>	[0..1]	Text		2230
	TownName <TwnNm>	[0..1]	Text		2230
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2230
	CountryCode <CtryCd>	[0..1]	Text		2230

#### 19.1.16.2.1 AddressType <AdrTp>

*Presence:* [0..1]

*Definition:* Identifies the nature of the postal address.

*Datatype:* "AddressType2Code" on page 2296

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.

#### 19.1.16.2.2 Department <Dept>

*Presence:* [0..1]

*Definition:* Identification of a division of a large organisation or building.

*Datatype:* "Max70Text" on page 2373

#### 19.1.16.2.3 SubDepartment <SubDept>

*Presence:* [0..1]

*Definition:* Identification of a sub-division of a large organisation or building.

*Datatype:* "Max70Text" on page 2373

#### 19.1.16.2.4 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 2373

#### **19.1.16.2.5 StreetName <StrtNm>**

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "Max70Text" on page 2373

#### **19.1.16.2.6 BuildingNumber <BldgNb>**

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max16Text" on page 2369

#### **19.1.16.2.7 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 2369

#### **19.1.16.2.8 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max70Text" on page 2373

#### **19.1.16.2.9 CountrySubDivision <CtrySubDvsn>**

*Presence:* [0..2]

*Definition:* Identifies a subdivision of a country such as state, region, county.

*Datatype:* "Max35Text" on page 2371

#### **19.1.16.2.10 CountryCode <CtryCd>**

*Presence:* [0..1]

*Definition:* Nation with its own government.

*Datatype:* "Min2Max3AlphaText" on page 2374

### **19.1.17 Secure Element**

#### **19.1.17.1 EnvelopedData1**

*Definition:* Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2231
	OriginatorInformation <OrgtrlInf>	[0..1]			2232
	Certificate <Cert>	[0..*]	Binary		2232
	Recipient <Rcpt>	[1..*]			2232
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2232
	Version <Vrsn>	[0..1]	Quantity		2233
	RecipientIdentification <RcptId>	[1..1]			2233
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2235
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2235
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2235
Or	KEK <KEK>	[1..1]	±		2236
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2236
	EncryptedContent <NcrptdCntt>	[0..1]			2236
	ContentType <CnttTp>	[1..1]	CodeSet		2237
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2237
	Algorithm <Algo>	[1..1]	CodeSet		2238
	Parameter <Param>	[0..1]			2240
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2240
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241
	EncryptedData <NcrptdData>	[1..1]	Binary		2241

#### 19.1.17.1.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

### 19.1.17.1.2 OriginatorInformation <OrgtrInf>

*Presence:* [0..1]

*Definition:* Provides certificates of the originator.

**OriginatorInformation <OrgtrInf>** contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		2232

#### 19.1.17.1.2.1 Certificate <Cert>

*Presence:* [0..\*]

*Definition:* It may contain originator certificates associated with several different key management algorithms.

*Datatype:* "Max5000Binary" on page 2293

#### 19.1.17.1.3 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]			2232
	Version <Vrsn>	[0..1]	Quantity		2233
	RecipientIdentification <RcptId>	[1..1]			2233
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2235
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2235
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2235
Or	KEK <KEK>	[1..1]	±		2236
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2236

#### 19.1.17.1.3.1 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		2233
	RecipientIdentification <RcptId>	[1..1]			2233
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2235
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2235
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2235

#### 19.1.17.1.3.1.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.1.3.1.2 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]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2235

#### 19.1.17.1.3.1.2.1 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]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrInb>	[1..1]	Binary		2235

#### 19.1.17.1.3.1.2.1.1 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..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235

#### 19.1.17.1.3.1.2.1.1.1 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		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235

#### 19.1.17.1.3.1.2.1.1.1.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 2306

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).

#### 19.1.17.1.3.1.2.1.1.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.1.3.1.2.1.2 SerialNumber <SrlNb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "Max500Binary" on page 2294

#### 19.1.17.1.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

*Presence:* [1..1]

*Definition:* Specifies the recipient's certificate by a key identifier.

*Datatype:* "Max140Binary" on page 2292

#### 19.1.17.1.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to encrypt the key encryption key (KEK).

**KeyEncryptionAlgorithm <KeyNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification35" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2253
	Parameter <Param>	[0..1]			2253
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2254
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2255

#### 19.1.17.1.3.1.4 EncryptedKey <NcrptdKey>

*Presence:* [1..1]

*Definition:* Encrypted key encryption key (KEK).

*Datatype:* "Max5000Binary" on page 2293

### 19.1.17.1.3.2 KEK <KEK>

*Presence:* [1..1]

*Definition:* Key encryption key using previously distributed symmetric key.

**KEK <KEK>** contains the following elements (see "KEK9" on page 1808 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1809
	KEKIdentification <KEKId>	[1..1]	±		1809
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1809
	Algorithm <Algo>	[1..1]	CodeSet		1810
	Parameter <Param>	[0..1]			1812
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1812
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1813
	BytePadding <BPddg>	[0..1]	CodeSet		1813
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1813

### 19.1.17.1.3.3 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 1813 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1813
	KeyVersion <KeyVrsn>	[1..1]	Text		1814
	SequenceNumber <SeqNb>	[0..1]	Quantity		1814
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1814

### 19.1.17.1.4 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		2237
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2237
	Algorithm <Algo>	[1..1]	CodeSet		2238
	Parameter <Param>	[0..1]			2240
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2240
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241
	EncryptedData <NcrptdData>	[1..1]	Binary		2241

#### 19.1.17.1.4.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data which have been encrypted.

*Datatype:* "ContentType2Code" on page 2317

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).

#### 19.1.17.1.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

*Presence:* [0..1]

*Definition:* Algorithm used to encrypt the data.

**ContentEncryptionAlgorithm <CntrNcrptnAlgo>** contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2238
	Parameter <Param>	[0..1]			2240
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2240
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241

#### 19.1.17.1.4.2.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "Algorithm28Code" on page 2300

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.

#### 19.1.17.1.4.2.2 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		2240
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241

#### 19.1.17.1.4.2.2.1 EncryptionFormat <NcrptnFrmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat2Code" on page 2321

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.

#### 19.1.17.1.4.2.2.2 InitialisationVector <InitlStnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 2294

#### 19.1.17.1.4.2.2.3 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 2310

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.

#### 19.1.17.1.4.3 EncryptedData <NcrptdData>

*Presence:* [1..1]

*Definition:* Encrypted data, result of the content encryption.

*Datatype:* "Max100KBinary" on page 2292

#### 19.1.17.2 CryptographicKey19

*Definition:* Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2242
	KeyIdentification <KeyId>	[0..1]	Text		2242
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2243
	Name <Nm>	[0..1]	Text		2243
	SecurityProfile <SctyPrfl>	[0..1]	Text		2243
	ItemNumber <ItmNb>	[0..1]	Text		2243
	SequenceNumber <SeqNb>	[0..1]	Quantity		2243
	Version <Vrsn>	[0..1]	Text		2243
	KeyVersion <KeyVrsn>	[0..1]	Text		2243
	Type <Tp>	[0..1]	CodeSet		2244
	Function <Fctn>	[0..*]	CodeSet		2245
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2245
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2245
	KeyValue <KeyVal>	[0..1]	±		2246
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2246
	Identification <Id>	[1..1]	Text		2246
	Type <Tp>	[1..1]	CodeSet		2246
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2247
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2247
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2247
	Name <Nm>	[1..1]	Text		2247
	Value <Val>	[0..1]	Text		2248
	DerivationAlgorithmIdentifier <DerivtnAlgoIdr>	[0..1]	Text		2248
	AlgorithmIdentifier <AlgoIdr>	[0..1]	Text		2248

#### 19.1.17.2.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Name of the cryptographic key.

*Datatype:* "Max350Text" on page 2371

#### 19.1.17.2.2 KeyIdentification <KeyId>

*Presence:* [0..1]

*Definition:* Name of the cryptographic key.

*Datatype:* "Max350Text" on page 2371

#### **19.1.17.2.3 AdditionalIdentification <AddtId>**

*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 2293

#### **19.1.17.2.4 Name <Nm>**

*Presence:* [0..1]

*Definition:* Name of the Cryptographic Element.

*Datatype:* "Max256Text" on page 2370

#### **19.1.17.2.5 SecurityProfile <SctyPrfl>**

*Presence:* [0..1]

*Definition:* Identification of the set of security elements to which this element belongs.

*Datatype:* "Max35Text" on page 2371

#### **19.1.17.2.6 ItemNumber <ItmNb>**

*Presence:* [0..1]

*Definition:* Hierarchical identification of a key inside all the key system. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

*Datatype:* "Max35Text" on page 2371

#### **19.1.17.2.7 SequenceNumber <SeqNb>**

*Presence:* [0..1]

*Definition:* Sequence number of the cryptographic key.

*Datatype:* "Number" on page 2366

#### **19.1.17.2.8 Version <Vrsn>**

*Presence:* [0..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max256Text" on page 2370

#### **19.1.17.2.9 KeyVersion <KeyVrsn>**

*Presence:* [0..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max256Text" on page 2370

### 19.1.17.2.10 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of algorithm used by the cryptographic key.

*Datatype:* "CryptographicKeyType5Code" on page 2318

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).
UKA2	UKPTAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA6	UKPTAES256	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 256 bits length key.  FIPS 197 - 6 November 2001).
RSAC	RSA	Rivest, Shamir and Adleman.
ECCC	ECC	Elliptic-curve cryptography.
DKAE	DUKPTAES	DUKPT AES (Derived Unique Key Per Transaction) algorithm.
UKA8	UKPTAES128	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 128 bits length key.  FIPS 197 - 6 November 2001).

### 19.1.17.2.11 Function <Fctn>

*Presence:* [0..\*]

*Definition:* Allowed usage of the key.

*Datatype:* "KeyUsage1Code" on page 2329

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.

### 19.1.17.2.12 ActivationDate <Actvtndt>

*Presence:* [0..1]

*Definition:* Date and time on which the key must be activated.

*Datatype:* "ISODateTime" on page 2364

### 19.1.17.2.13 DeactivationDate <Deactvtndt>

*Presence:* [0..1]

*Definition:* Date and time on which the key must be deactivated.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.17.2.14 KeyValue <KeyVal>

*Presence:* [0..1]

*Definition:* Encrypted cryptographic key.

**KeyValue <KeyVal>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.17.2.15 ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>

*Presence:* [0..\*]

*Definition:* Identification of components which are allowed to access this cryptographic key.

**ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>** contains the following **GenericIdentification186** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2246
	Type <Tp>	[1..1]	CodeSet		2246

##### 19.1.17.2.15.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of an element in the system.

*Datatype:* "[Max256Text](#)" on page 2370

##### 19.1.17.2.15.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of actor in the system.

*Datatype:* "[PartyType7Code](#)" on page 2337

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).

CodeName	Name	Definition
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

#### 19.1.17.2.16 ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>

*Presence:* [0..\*]

*Definition:* Protection of Identification of components which are allowed to access this cryptographic key.

**ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>** contains the following elements (see "[ContentInformationType39](#)" on page 2265 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

#### 19.1.17.2.17 KeyCheckValue <KeyChckVal>

*Presence:* [0..1]

*Definition:* Value for checking a cryptographic key security parameter.

*Datatype:* "[Max35Binary](#)" on page 2293

#### 19.1.17.2.18 AdditionalManagementInformation <AddtlMgmtInf>

*Presence:* [0..\*]

*Definition:* Additional Information needed by the receiver to securely process the management of the security element.

**AdditionalManagementInformation <AddtlMgmtInf>** contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2247
	Value <Val>	[0..1]	Text		2248

##### 19.1.17.2.18.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the generic information to exchange.

*Datatype:* "[Max70Text](#)" on page 2373

#### 19.1.17.2.18.2 Value <Val>

*Presence:* [0..1]

*Definition:* Value of the generic information to exchange.

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.2.19 DerivationAlgorithmIdentifier <DerivtnAlgoIdr>

*Presence:* [0..1]

*Definition:* Identification of the derivation algorithm that must be used.

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.2.20 AlgorithmIdentifier <AlgoIdr>

*Presence:* [0..1]

*Definition:* Identification of the algorithm and mode that must be used.

*Datatype:* "Max140Text" on page 2369

### 19.1.17.3 AlgorithmIdentification33

*Definition:* Identification of a cryptographic algorithm and parameters for digital signatures.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2248
	Parameter <Param>	[0..1]			2251
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2251
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2252
	SaltLength <SaltLngth>	[0..1]	Quantity		2252
	TrailerField <TrlrFld>	[0..1]	Quantity		2252
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2253

#### 19.1.17.3.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "Algorithm29Code" on page 2302

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).

CodeName	Name	Definition
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

CodeName	Name	Definition
EF33	EcfdsdaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsdaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsdaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsdaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

CodeName	Name	Definition
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

### 19.1.17.3.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters of the RSASSA-PSS digital signature algorithm (RSA signature algorithm with appendix: Probabilistic Signature Scheme).

**Parameter <Param>** contains the following **Parameter16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2251
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2252
	SaltLength <SaltLngth>	[0..1]	Quantity		2252
	TrailerField <TrlrFld>	[0..1]	Quantity		2252
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2253

### 19.1.17.3.2.1 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm26Code" on page 2296

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.

#### 19.1.17.3.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

*Presence:* [0..1]

*Definition:* Mask generator function cryptographic algorithm and parameters.

**MaskGeneratorAlgorithm <MskGnrtrAlgo>** contains the following elements (see "AlgorithmIdentification34" on page 2282 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2283
	Parameter <Param>	[0..1]			2283
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2283

#### 19.1.17.3.2.3 SaltLength <SaltLngth>

*Presence:* [0..1]

*Definition:* Length of the salt to include in the signature.

*Datatype:* "Number" on page 2366

#### 19.1.17.3.2.4 TrailerField <TrlrFld>

*Presence:* [0..1]

*Definition:* Trailer field number.

*Datatype: "Number" on page 2366*

#### 19.1.17.3.2.5 OIDCurveName <OIDCrvNm>

*Presence:* [0..1]

*Definition:* Name of the Elliptic Curve according to the OLD notation.

*Datatype: "Max140Text" on page 2369*

#### 19.1.17.4 AlgorithmIdentification35

**Definition:** Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2253
	Parameter <Param>	[0..1]			2253
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2254
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2255

#### 19.1.17.4.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Asymmetric encryption algorithm of a transport key.

*Datatype: "Algorithm7Code" on page 2304*

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

#### 19.1.17.4.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters of the encryption algorithm.

**Parameter** <Param> contains the following **Parameter17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcprtnFrmt>	[0..1]	CodeSet		2254
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2254
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2255

#### 19.1.17.4.2.1 EncryptionFormat <NcrptnFrmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat2Code" on page 2321

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.

#### 19.1.17.4.2.2 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm26Code" on page 2296

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.

#### 19.1.17.4.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

*Presence:* [0..1]

*Definition:* Mask generator function cryptographic algorithm and parameters.

**MaskGeneratorAlgorithm <MskGnrtrAlgo>** contains the following elements (see "[AlgorithmIdentification34](#)" on page 2282 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2283
	Parameter <Param>	[0..1]			2283
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2283

#### 19.1.17.5 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		2256
	Recipient <Rcpt>	[1..*]			2256
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2257
	Version <Vrsn>	[0..1]	Quantity		2258
	RecipientIdentification <RcptId>	[1..1]			2258
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2260
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2260
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2260
Or	KEK <KEK>	[1..1]	±		2260
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2261
	MACAlgorithm <MACAlgo>	[1..1]	±		2261
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2262
	MAC <MAC>	[1..1]	Binary		2262

#### 19.1.17.5.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.5.2 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]			2257
	Version <Vrsn>	[0..1]	Quantity		2258
	RecipientIdentification <RcptId>	[1..1]			2258
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2260
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2260
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2260
Or	KEK <KEK>	[1..1]	±		2260
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2261

#### 19.1.17.5.2.1 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		2258
	RecipientIdentification <RcptId>	[1..1]			2258
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2260
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2260
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2260

#### 19.1.17.5.2.1.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.5.2.1.2 RecipientIdentification <RcptId>

*Presence:* [1..1]

*Definition:* Identification of a cryptographic asymmetric key for the recipient.

**RecipientIdentification <RcptId>** contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2260

#### 19.1.17.5.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSrlNb>** contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259

#### 19.1.17.5.2.1.2.1.1 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..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259

#### 19.1.17.5.2.1.2.1.1.1 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		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259

#### 19.1.17.5.2.1.2.1.1.1.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 2306

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).

#### 19.1.17.5.2.1.2.1.1.1.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.5.2.1.2.1.2 SerialNumber <SrInb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "Max500Binary" on page 2294

#### 19.1.17.5.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

*Presence:* [1..1]

*Definition:* Specifies the recipient's certificate by a key identifier.

*Datatype:* "Max140Binary" on page 2292

#### 19.1.17.5.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to encrypt the key encryption key (KEK).

**KeyEncryptionAlgorithm <KeyNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification35" on page 2253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2253
	Parameter <Param>	[0..1]			2253
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2254
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2255

#### 19.1.17.5.2.1.4 EncryptedKey <NcrptdKey>

*Presence:* [1..1]

*Definition:* Encrypted key encryption key (KEK).

*Datatype:* "Max5000Binary" on page 2293

#### 19.1.17.5.2.2 KEK <KEK>

*Presence:* [1..1]

*Definition:* Key encryption key using previously distributed symmetric key.

**KEK <KEK>** contains the following elements (see "[KEK9](#)" on page 1808 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1809
	KEKIdentification <KEKId>	[1..1]	±		1809
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1809
	Algorithm <Algo>	[1..1]	CodeSet		1810
	Parameter <Param>	[0..1]			1812
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1812
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1813
	BytePadding <BPddg>	[0..1]	CodeSet		1813
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1813

#### 19.1.17.5.2.3 KeyIdentifier <KeyIdr>

*Presence:* [1..1]

*Definition:* Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

**KeyIdentifier <KeyIdr>** contains the following elements (see "[KEKIdentifier7](#)" on page 1813 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1813
	KeyVersion <KeyVrsn>	[1..1]	Text		1814
	SequenceNumber <SeqNb>	[0..1]	Quantity		1814
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1814

#### 19.1.17.5.3 MACAlgorithm <MACAlgo>

*Presence:* [1..1]

*Definition:* Algorithm to compute message authentication code (MAC).

**MACAlgorithm <MACAlgo>** contains the following elements (see "[AlgorithmIdentification31](#)" on page 2277 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2277
	Parameter <Param>	[0..1]			2279
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2280
	BytePadding <BPddg>	[0..1]	CodeSet		2280

#### 19.1.17.5.4 EncapsulatedContent <NcpsltdCntt>

*Presence:* [1..1]

*Definition:* Data to authenticate.

**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2181
	Content <Cntt>	[0..1]	Binary		2181

#### 19.1.17.5.5 MAC <MAC>

*Presence:* [1..1]

*Definition:* Message authentication code value.

*Datatype:* "[Max140Binary](#)" on page 2292

#### 19.1.17.6 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		2262
	AuthenticatedData <AuthntcdData>	[0..1]	±		2263
	SignedData <SgndData>	[0..1]	±		2263

##### 19.1.17.6.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "[ContentType2Code](#)" on page 2317

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).

### 19.1.17.6.2 AuthenticatedData <AuthntcdData>

*Presence:* [0..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "[AuthenticatedData10](#)" on page 2255 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2256
	Recipient <Rcpt>	[1..*]			2256
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2257
	Version <Vrsn>	[0..1]	Quantity		2258
	RecipientIdentification <RcptId>	[1..1]			2258
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2260
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2260
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2260
Or	KEK <KEK>	[1..1]	±		2260
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		2261
	MACAlgorithm <MACAlgo>	[1..1]	±		2261
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2262
	MAC <MAC>	[1..1]	Binary		2262

### 19.1.17.6.3 SignedData <SgndData>

*Presence:* [0..1]

*Definition:* Data protected by a digital signatures.

**SignedData <SgndData>** contains the following elements (see "SignedData9" on page 2270 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2270
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2270
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2271
	Certificate <Cert>	[0..*]	Binary		2271
	Signer <Sgnr>	[0..*]			2271
	Version <Vrsn>	[0..1]	Quantity		2272
	SignerIdentification <SgnrId>	[0..1]			2272
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2273
	Issuer <Issr>	[1..1]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2274
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2274
	SignedAttributes <SgndAttrbts>	[0..*]			2275
	Name <Nm>	[1..1]	Text		2275
	Value <Val>	[0..1]	Text		2275
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2275
	Signature <Sgntr>	[1..1]	Binary		2276

### 19.1.17.7 DigestedData6

*Definition:* Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2264
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2265
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2265
	Digest <Dgst>	[1..1]	Binary		2265

#### 19.1.17.7.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.7.2 DigestAlgorithm <DgstAlgo>

*Presence:* [1..1]

*Definition:* Identification of the digest algorithm.

**DigestAlgorithm <DgstAlgo>** contains the following elements (see "AlgorithmIdentification36" on page 2276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2276

#### 19.1.17.7.3 EncapsulatedContent <NcpltdCntt>

*Presence:* [1..1]

*Definition:* Data on which the digest is computed.

**EncapsulatedContent <NcpltdCntt>** contains the following elements (see "EncapsulatedContent3" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2181
	Content <Cntt>	[0..1]	Binary		2181

#### 19.1.17.7.4 Digest <Dgst>

*Presence:* [1..1]

*Definition:* Result of data-digesting process.

*Datatype:* "Max140Binary" on page 2292

#### 19.1.17.8 ContentInformationType39

*Definition:* General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2265
	EnvelopedData <EnvlpdData>	[0..1]	±		2266
	AuthenticatedData <AuthntcdData>	[0..1]	±		2267
	SignedData <SgndData>	[0..1]	±		2268
	DigestedData <DgstdData>	[0..1]	±		2269

##### 19.1.17.8.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2317

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).

#### 19.1.17.8.2 EnvelopedData <EnvlpdData>

*Presence:* [0..1]

*Definition:* Data protection by encryption, with a session key.

**EnvelopedData <EnvlpdData>** contains the following elements (see "EnvelopedData11" on page 2230 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2231
	OriginatorInformation <OrgtrlInf>	[0..1]			2232
	Certificate <Cert>	[0..*]	Binary		2232
	Recipient <Rcpt>	[1..*]			2232
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2232
	Version <Vrsn>	[0..1]	Quantity		2233
	RecipientIdentification <RcptId>	[1..1]			2233
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <Sbjtkyldr>	[1..1]	Binary		2235
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2235
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2235
Or	KEK <KEK>	[1..1]	±		2236
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2236
	EncryptedContent <NcrptdCntt>	[0..1]			2236
	ContentType <CnttTp>	[1..1]	CodeSet		2237
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2237
	Algorithm <Algo>	[1..1]	CodeSet		2238
	Parameter <Param>	[0..1]			2240
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2240
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241
	EncryptedData <NcrptdData>	[1..1]	Binary		2241

### 19.1.17.8.3 AuthenticatedData <AuthntcdData>

*Presence:* [0..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthenticatedData <AuthntcdData>** contains the following elements (see "AuthenticatedData10" on page 2255 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2256
	Recipient <Rcpt>	[1..*]			2256
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2257
	Version <Vrsn>	[0..1]	Quantity		2258
	RecipientIdentification <RcptId>	[1..1]			2258
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2258
	Issuer <Issr>	[1..1]			2258
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2259
	AttributeType <AttrTp>	[1..1]	CodeSet		2259
	AttributeValue <AttrVal>	[1..1]	Text		2259
	SerialNumber <SrlNb>	[1..1]	Binary		2259
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2260
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2260
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2260
Or	KEK <KEK>	[1..1]	±		2260
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2261
	MACAlgorithm <MACAlgo>	[1..1]	±		2261
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2262
	MAC <MAC>	[1..1]	Binary		2262

#### 19.1.17.8.4 SignedData <SgndData>

*Presence:* [0..1]

*Definition:* Data protected by a digital signatures.

**SignedData <SgndData>** contains the following elements (see "SignedData9" on page 2270 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2270
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2270
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2271
	Certificate <Cert>	[0..*]	Binary		2271
	Signer <Sgnr>	[0..*]			2271
	Version <Vrsn>	[0..1]	Quantity		2272
	SignerIdentification <SgnrId>	[0..1]			2272
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2273
	Issuer <Issr>	[1..1]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2274
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2274
	SignedAttributes <SgndAttrbts>	[0..*]			2275
	Name <Nm>	[1..1]	Text		2275
	Value <Val>	[0..1]	Text		2275
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2275
	Signature <Sgntr>	[1..1]	Binary		2276

#### 19.1.17.8.5 DigestedData <DgstdData>

*Presence:* [0..1]

*Definition:* Data protected by a digest.

**DigestedData <DgstdData>** contains the following elements (see "DigestedData6" on page 2264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2264
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2265
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2265
	Digest <Dgst>	[1..1]	Binary		2265

### 19.1.17.9 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		2270
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2270
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2271
	Certificate <Cert>	[0..*]	Binary		2271
	Signer <Sgnr>	[0..*]			2271
	Version <Vrsn>	[0..1]	Quantity		2272
	SignerIdentification <Sgnrld>	[0..1]			2272
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2273
	Issuer <Issr>	[1..1]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274
Or}	SubjectKeyIdentifier <Sbjtkyldr>	[1..1]	Binary		2274
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2274
	SignedAttributes <SgndAttrbts>	[0..*]			2275
	Name <Nm>	[1..1]	Text		2275
	Value <Val>	[0..1]	Text		2275
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2275
	Signature <Sgntr>	[1..1]	Binary		2276

#### 19.1.17.9.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.9.2 DigestAlgorithm <DgstAlgo>

*Presence:* [0..\*]

*Definition:* Identification of digest algorithm applied before signature.

**DigestAlgorithm <DgstAlgo>** contains the following elements (see "[AlgorithmIdentification36](#)" on page 2276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2276

#### 19.1.17.9.3 EncapsulatedContent <NcpsltdCntt>

*Presence:* [0..1]

*Definition:* Data to sign.

**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 2181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2181
	Content <Cntt>	[0..1]	Binary		2181

#### 19.1.17.9.4 Certificate <Cert>

*Presence:* [0..\*]

*Definition:* Chain of X.509 certificates.

*Datatype:* "[Max5000Binary](#)" on page 2293

#### 19.1.17.9.5 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		2272
	SignerIdentification <SgnrId>	[0..1]			2272
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2273
	Issuer <Issr>	[1..1]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2274
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2274
	SignedAttributes <SgndAttrbts>	[0..*]			2275
	Name <Nm>	[1..1]	Text		2275
	Value <Val>	[0..1]	Text		2275
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2275
	Signature <Sgntr>	[1..1]	Binary		2276

#### 19.1.17.9.5.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the Cryptographic Message Syntax (CMS) data structure.

*Datatype:* "Number" on page 2366

#### 19.1.17.9.5.2 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]			2273
	Issuer <Issr>	[1..1]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2274

#### 19.1.17.9.5.2.1 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]			2273
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274
	SerialNumber <SrlNb>	[1..1]	Binary		2274

#### 19.1.17.9.5.2.1.1 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..*]			2273
	AttributeType <AttrTp>	[1..1]	CodeSet		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274

#### 19.1.17.9.5.2.1.1.1 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		2274
	AttributeValue <AttrVal>	[1..1]	Text		2274

#### 19.1.17.9.5.2.1.1.1.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 2306

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).

#### 19.1.17.9.5.2.1.1.1.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.9.5.2.1.2 SerialNumber <SrINb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "Max500Binary" on page 2294

#### 19.1.17.9.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

*Presence:* [1..1]

*Definition:* Specifies the recipient's certificate by a key identifier.

*Datatype:* "Max140Binary" on page 2292

#### 19.1.17.9.5.3 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 2276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2276

#### 19.1.17.9.5.4 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		2275
	Value <Val>	[0..1]	Text		2275

##### 19.1.17.9.5.4.1 Name <Nm>

*Presence:* [1..1]

*Definition:* Name of the generic information to exchange.

*Datatype:* "Max70Text" on page 2373

##### 19.1.17.9.5.4.2 Value <Val>

*Presence:* [0..1]

*Definition:* Value of the generic information to exchange.

*Datatype:* "Max140Text" on page 2369

#### 19.1.17.9.5.5 SignatureAlgorithm <SgntrAlgo>

*Presence:* [1..1]

*Definition:* Cryptographic digital signature algorithm.

**SignatureAlgorithm <SgntrAlgo>** contains the following elements (see "AlgorithmIdentification33" on page 2248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2248
	Parameter <Param>	[0..1]			2251
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2251
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2252
	SaltLength <SaltLngth>	[0..1]	Quantity		2252
	TrailerField <TrlrFld>	[0..1]	Quantity		2252
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2253

### 19.1.17.9.5.6 Signature <Sgntr>

*Presence:* [1..1]

*Definition:* Digital signature.

*Datatype:* "Max3000Binary" on page 2293

### 19.1.17.10 AlgorithmIdentification36

*Definition:* Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2276

#### 19.1.17.10.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm26Code" on page 2296

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.

### 19.1.17.11 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		2277
	Parameter <Param>	[0..1]			2279
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2280
	BytePadding <BPddg>	[0..1]	CodeSet		2280

#### 19.1.17.11.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the MAC algorithm.

*Datatype:* "Algorithm27Code" on page 2297

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.

#### 19.1.17.11.2 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		2280
	BytePadding <BPddg>	[0..1]	CodeSet		2280

#### 19.1.17.11.2.1 InitialisationVector <InitlStnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 2294

#### 19.1.17.11.2.2 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 2310

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.

#### 19.1.17.12 ContentInformationType40

*Definition:* General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2280
	EnvelopedData <EnvlpdData>	[1..1]	±		2281

#### 19.1.17.12.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data protection.

*Datatype:* "ContentType2Code" on page 2317

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).

#### 19.1.17.12.2 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 2230 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2231
	OriginatorInformation <OrgtrlInf>	[0..1]			2232
	Certificate <Cert>	[0..*]	Binary		2232
	Recipient <Rcpt>	[1..*]			2232
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2232
	Version <Vrsn>	[0..1]	Quantity		2233
	RecipientIdentification <RcptId>	[1..1]			2233
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2233
	Issuer <Issr>	[1..1]			2234
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2234
	AttributeType <AttrTp>	[1..1]	CodeSet		2234
	AttributeValue <AttrVal>	[1..1]	Text		2235
	SerialNumber <SrlNb>	[1..1]	Binary		2235
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2235
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2235
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2235
Or	KEK <KEK>	[1..1]	±		2236
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2236
	EncryptedContent <NcrptdCntt>	[0..1]			2236
	ContentType <CnttTp>	[1..1]	CodeSet		2237
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2237
	Algorithm <Algo>	[1..1]	CodeSet		2238
	Parameter <Param>	[0..1]			2240
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2240
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2241
	BytePadding <BPddg>	[0..1]	CodeSet		2241
	EncryptedData <NcrptdData>	[1..1]	Binary		2241

### 19.1.17.13 AlgorithmIdentification34

*Definition:* Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2283
	Parameter <Param>	[0..1]			2283
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2283

#### 19.1.17.13.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Mask generator function cryptographic algorithm.

*Datatype:* "Algorithm8Code" on page 2305

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

#### 19.1.17.13.2 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		2283

#### 19.1.17.13.2.1 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Digest algorithm used in the mask generator function.

*Datatype:* "Algorithm26Code" on page 2296

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

CodeName	Name	Definition
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

## 19.1.18 Synchronisation

### 19.1.18.1 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		2284
	MaximumNumber <MaxNb>	[0..1]	Quantity		2284
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2284

#### 19.1.18.1.1 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 2374

#### 19.1.18.1.2 MaximumNumber <MaxNb>

*Presence:* [0..1]

*Definition:* Maximum number of retries.

*Datatype:* "Number" on page 2366

#### 19.1.18.1.3 UnitOfTime <UnitOfTm>

*Presence:* [0..1]

*Definition:* Identification of the minimum unit of time used by time configuration parameters.

*Datatype:* "TimeUnit1Code" on page 2358

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.

### 19.1.18.2 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		2285
	EndTime <EndTm>	[0..1]	DateTime		2285
	Period <Prd>	[0..1]	Text		2285
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2285

#### 19.1.18.2.1 StartTime <StartTm>

*Presence:* [0..1]

*Definition:* Date and time to start the action.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.18.2.2 EndTime <EndTm>

*Presence:* [0..1]

*Definition:* Date and time after which the action cannot be processed.

*Datatype:* "ISODateTime" on page 2364

#### 19.1.18.2.3 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 2374

#### 19.1.18.2.4 UnitOfTime <UnitOfTm>

*Presence:* [0..1]

*Definition:* Identification of the minimum unit of time used by time configuration parameters.

*Datatype:* "TimeUnit1Code" on page 2358

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.

## 19.1.19 Token

### 19.1.19.1 Token1

*Definition:* Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2286
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2286
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2286
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2287
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2287
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2287

#### 19.1.19.1.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 2370

#### 19.1.19.1.2 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "Exact4NumericText" on page 2368

#### 19.1.19.1.3 TokenRequestorIdentification <TknRqstrld>

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 2369

#### 19.1.19.1.4 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 2369

#### 19.1.19.1.5 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 2370

#### 19.1.19.1.6 TokenInitiatedIndicator <TknInittndInd>

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

### 19.1.19.2 CardPaymentToken5

*Definition:* Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2287
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2288
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2288
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2288
	TokenRequestor <TknRqstr>	[0..1]			2288
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2288
	RequestorIdentification <Rqstrld>	[1..1]	Text		2288
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2288
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2289
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2289
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		2289

#### 19.1.19.2.1 Token <Tkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Min8Max28NumericText" on page 2375

#### 19.1.19.2.2 CardSequenceNumber <CardSeqNb>

*Presence:* [0..1]

*Definition:* Identify a payment token inside a set of cards with the same PAN.

*Datatype:* "Min2Max3NumericText" on page 2374

#### 19.1.19.2.3 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 2369

#### 19.1.19.2.4 TokenCharacteristic <TknChrtc>

*Presence:* [0..\*]

*Definition:* Additional payment token information.

*Datatype:* "Max35Text" on page 2371

#### 19.1.19.2.5 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		2288
	RequestorIdentification <RqstrId>	[1..1]	Text		2288

##### 19.1.19.2.5.1 ProviderIdentification <PrvdrId>

*Presence:* [1..1]

*Definition:* Identifier of the token provider.

*Datatype:* "Max35Text" on page 2371

##### 19.1.19.2.5.2 RequestorIdentification <RqstrId>

*Presence:* [1..1]

*Definition:* Identifier of the token requestor.

*Datatype:* "Max35Text" on page 2371

#### 19.1.19.2.6 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 2366

### 19.1.19.2.7 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Information about the identification and verification of the cardholder.

*Datatype:* "Max500Binary" on page 2294

### 19.1.19.2.8 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 2370

### 19.1.19.2.9 TokenInitiatedIndicator <TknInittldInd>

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

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

## 19.1.19.3 MerchantToken2

*Definition:* Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2289
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2290
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2290
	TokenRequestor <TknRqstr>	[0..1]			2290
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2290
	RequestorIdentification <RqstrId>	[1..1]	Text		2290
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2290
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2290
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2291
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2291

### 19.1.19.3.1 Token <Tkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max35Text" on page 2371

#### 19.1.19.3.2 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 2369

#### 19.1.19.3.3 TokenCharacteristic <TknChrtc>

*Presence:* [0..\*]

*Definition:* Additional payment token information.

*Datatype:* "Max35Text" on page 2371

#### 19.1.19.3.4 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		2290
	RequestorIdentification <RqstrId>	[1..1]	Text		2290

##### 19.1.19.3.4.1 ProviderIdentification <PrvdrId>

*Presence:* [1..1]

*Definition:* Identifier of the token provider.

*Datatype:* "Max35Text" on page 2371

##### 19.1.19.3.4.2 RequestorIdentification <RqstrId>

*Presence:* [1..1]

*Definition:* Identifier of the token requestor.

*Datatype:* "Max35Text" on page 2371

#### 19.1.19.3.5 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 2366

#### 19.1.19.3.6 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Information about the identification and verification of the cardholder.

*Datatype:* "Max500Binary" on page 2294

### 19.1.19.3.7 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 2370

### 19.1.19.3.8 TokenInitiatedIndicator <TknInittndInd>

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2366):

- *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 2295

#### 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.

CodeName	Name	Definition
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

### 19.2.3.2 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).

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.

### 19.2.3.6 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.

CodeName	Name	Definition
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing

CodeName	Name	Definition
		Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
S34C	SM3SM4CBC	ShangMi 4 enciphering method used in CBC mode coupled with ShangMi 3 hash function.
S34R	SM3SM4CTR	ShangMi 4 enciphering method used in CTR mode coupled with ShangMi 3 hash function.

### 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.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified

CodeName	Name	Definition
		in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 -

CodeName	Name	Definition
		November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

### 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 - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
ES33	EcsdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcsdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcsdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcsdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcfdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcfdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcfdsaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

### 19.2.3.9 Algorithm7Code

*Definition:* Asymmetric encryption algorithm of a transport key.

*Type:* CodeSet

CodeName	Name	Definition
ERSA	RSASignature	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).

CodeName	Name	Definition
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

### 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.

CodeName	Name	Definition
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).
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).

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

### 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.

CodeName	Name	Definition
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

### 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.

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

### 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 (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).
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	UniversalUniqueIdentification	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.
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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
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.

### 19.2.3.32 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.

CodeName	Name	Definition
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.
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).

CodeName	Name	Definition
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 CryptographicKeyType5Code

*Definition:* Codes for qualifying the type of cryptographic keys.

*Type:* CodeSet

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).
UKA2	UKPTAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard

CodeName	Name	Definition
		with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA6	UKPTAES256	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 256 bits length key.  FIPS 197 - 6 November 2001).
RSAC	RSA	Rivest, Shamir and Adleman.
ECCC	ECC	Elliptic-curve cryptography.
DKAE	DUKPTAES	DUKPT AES (Derived Unique Key Per Transaction) algorithm.
UKA8	UKPTAES128	UKPT (Unique Key Per Transaction). Encryption key using AES (Advanced Encryption Standard) with a 128 bits length key.  FIPS 197 - 6 November 2001).

### 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.
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.
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.

CodeName	Name	Definition
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 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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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

CodeName	Name	Definition
		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 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.

CodeName	Name	Definition
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.
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).

CodeName	Name	Definition
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).

CodeName	Name	Definition
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 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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
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.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

CodeName	Name	Definition
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

### 19.2.3.79 PartyType35Code

*Definition:* Identification of the type of entity involved in a transaction.

*Type:* CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MKTP	Marketplace	Marketplace providing payment acceptance services on behalf of a merchant.
PFAC	PaymentFacilitator	Payment facilitator providing payment acceptance services on behalf of a merchant.

### 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.
ACQR	Acquirer	Entity acquiring card transactions.

CodeName	Name	Definition
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.
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.
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.
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.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.

CodeName	Name	Definition
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
LOGF	LogFile	Any repository used for recording log traces.
MDFL	MediaFile	Media file managed by an application of the POI.
SOFT	Soft	Payment or other software application.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.
PROB	Probe	Probe used to monitor a feature on the POI.

### 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

CodeName	Name	Definition
		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.

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

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

### 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.
SSMR	MessageStatusResponse	Response to a Message Status request.

CodeName	Name	Definition
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...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.

CodeName	Name	Definition
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.
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.

CodeName	Name	Definition
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).
DSIP	DeviceSecureInputResponse	One system responds to the other System for secure data input.

CodeName	Name	Definition
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/...).
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.

CodeName	Name	Definition
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).
FSEQ	FinancialEnableServiceRequest	The Sale System requests to the POI System to enable a service on its side.

CodeName	Name	Definition
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
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.

### 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.
DSIQ	DeviceSecureInputRequest	One system requests to the Other System to securely get data input (e.g. for PIN).

CodeName	Name	Definition
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	Malfuntion	Reversal after a suspicion of malfunction of the POI system.

CodeName	Name	Definition
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 ...).
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.

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.

### 19.2.3.119 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.
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.
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 TerminalManagementActionCode 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 TerminalManagementActionCode.
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.
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.

### 19.2.3.124 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	AAMVAFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

### 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.
RESO	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.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.

CodeName	Name	Definition
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 UserInterface9Code

*Definition:* Destination of the message.

Type: CodeSet

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.
CSTM	CustomerStatement	Cardholder bank statement.

### 19.2.3.135 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}
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**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}

19.2.10.2 Exact3NumericText

*Definition:* Specifies a numeric string with an exact length of 3 digits.  
*Type:* Text

Format		
pattern		[0-9]{3}

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}
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**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}

19.2.10.18 Max30Text

*Definition:* Specifies a character string with a maximum length of 30 characters.  
*Type:* Text

Format	
maxLength	30

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}

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}
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**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}
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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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